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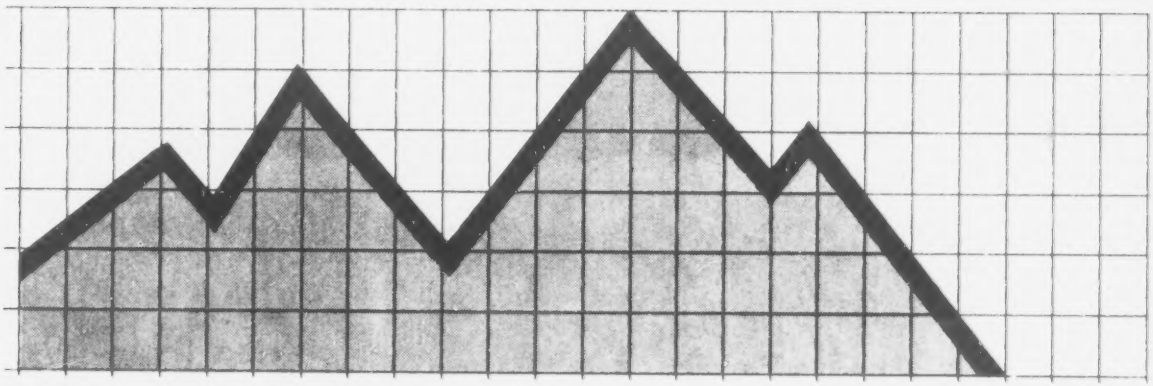
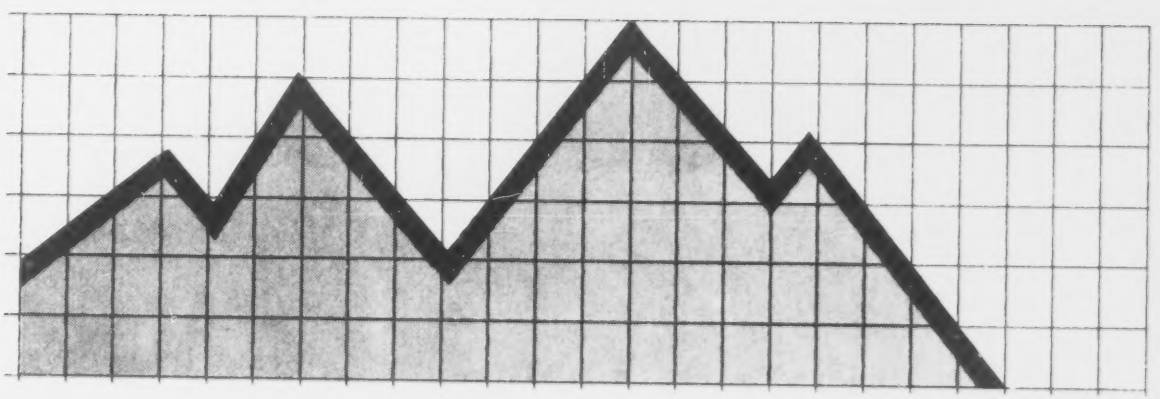


Health Statistics Section
Colorado Department of Health

COLORADO VITAL STATISTICS 1986



Health Statistics Section
Colorado Department of Health

PREFACE

This report summarizes Colorado Vital Statistics for the year 1986. Included are statistics obtained from records of live births, deaths, fetal deaths, marriages, marriage dissolutions, and adoptions.

Statistics for these vital events are compiled in two ways, by place of occurrence and place of residence. Colorado occurrence data include registered events occurring within the state, regardless of the individual's state of residence. Colorado resident data include those events occurring to Colorado residents both in Colorado and, when available, in other states. Interstate exchange of birth and death records between the state of occurrence and state of residence allows complete natality and mortality statistics to be tabulated.

Users of these statistics are advised to consider several qualifications for the data. First, population estimates used are 1985-based projections produced by the Demographic Section of the Colorado Department of Local Affairs at the time this report was compiled. These population figures are subject to revision, which could alter vital rates appearing here.

Deaths are classified by the underlying cause of death, defined as the condition responsible for the chain of events leading to death. The underlying cause of death is determined by use of the Automated Classification of Medical Entities (ACME). Causes of death have been classified according to the Ninth Revision of the International Classification of Disease (ICD-9). Corresponding codes for earlier revisions appear in Appendix B. Mentioned causes of death, conditions contributing to or part of the chain of events leading to death but not necessarily the underlying cause, are also discussed in Section 6 of this report.

Care must be used when considering vital rates tabulated in this report. Unless otherwise stated, tables in this report provide crude rates, which are rates based on the total population of an area without accounting for age, sex, race, or other components. Also, rates based on small numbers may vary widely with a difference of only one or two actual cases. For example, the birth rate for a county with a small population can increase considerably with each birth added. While crude rates or rates based on few cases are arithmetically accurate and quite useful, they can be unreliable as definitive indicators of what is generally true for the population involved and as the means of comparing the population with those in other areas.

Requests for additional Colorado vital statistics may be directed to the Health Statistics Section, Colorado Department of Health, 4210 East 11th Avenue, Denver, CO 80220, (303) 331-4885.

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This publication is a result of the efforts of many people, from hospital personnel, funeral directors, county coroners, and local registrars to the staff of the Division of Health Policy, Planning, and Statistics. We acknowledge the cooperation and assistance that made this report possible. We especially thank the Demographic Section of the Colorado Department of Local Affairs for its contribution of the population estimates used throughout the report. Also, we thank the National Center for Health Statistics for the U.S. data used in this report.

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Section 1

GENERAL TRENDS IN COLORADO VITAL STATISTICS

POPULATION

Colorado's population growth continued to slow between 1985 and 1986. The 1985-based projections used in this report show a midyear 1986 population of 3,296,032, compared with an estimated 3,231,083 for 1985. These were the most complete and detailed figures available at the time of this report's preparation.

However, the most recent population estimates released by the U.S. Census Bureau indicate an even slower growth rate, according to the Demographic Section of the Colorado Department of Local Affairs. The new provisional estimate for July 1, 1986, is 3,267,118. This represents an increase of 32,778, or 1.0 percent, from the revised estimate for 1985 of 3,234,340. This is in marked contrast to the higher growth rate of the first three years of the decade, and is consistent with the slower population and economic growth Colorado has experienced since 1983.

Contributing largely to the slower growth rate is a decrease in net migration, the difference between the number of people moving to and from the state. Negative net migration is estimated to have occurred between 1985 and 1986, with more people leaving the state than coming to it. Natural increase, the difference between resident births and deaths, was 34,374 in calendar year 1986.

Revisions in population estimates can affect vital rates. For example, use of the provisional estimate for 1986 results in a birth rate of 16.9 for the year, rather than 16.7 as published in this report. The death rate increases slightly to 6.4 from 6.3 with use of the provisional estimate. Allowances therefore must be made for possible revisions of population figures when considering all vital rates in this and other vital statistics reports.

BIRTHS

Colorado's resident birth rate decreased to 16.7 births per 1,000 population in 1986, down from 17.1 in 1985. Birth rates for the state increased in the first part of the decade, from 17.2 in 1980 to 17.5 in 1981 and 17.8 in 1982. The rate in 1982 was the highest birth rate for the state since 1970. Since then the birth rate has decreased, with rates of 17.4 in 1983 and 17.0 in 1984. The provisional U.S. birth rate was 15.5 in 1986.

Colorado resident births totaled 55,142 in 1986, an increase of only 27 births from the 55,115 births in 1985. There were 54,339 resident births in 1984 and 54,644 births in 1983. Occurrence births, births occurring within the state, totaled 55,556 in 1986.

The general fertility rate decreased slightly to 66.1 births per 1,000 women aged 15 to 44 years in 1986. This was the lowest Colorado fertility rate since the rate of 65.8 experienced in 1979. The provisional U.S. general fertility rate was 64.9 in 1986.

LOW WEIGHT BIRTHS

The percent of low weight births (<2,500 grams or 5 lbs. 8 oz. or less) to Colorado residents remained at 7.7 percent of total births in 1986, the same as in 1985. Despite a gradual decline in the percentages of low weight births in the state since the 9.6 percent experienced in 1970, Colorado continues to have higher rates than the nation as a whole. Low weight births accounted for 6.8 percent of U.S. births in 1985.

BIRTHS TO UNMARRIED WOMEN

Resident births occurring to unmarried women reached 18.0 percent in 1986, the highest percent ever recorded. In 1985, 16.6 percent of Colorado births were to unmarried women, compared to 22.0 percent of U.S. births in that year.

DEATHS

Colorado's resident death rate in 1986 was 6.3 deaths per 1,000 population, the same rate as in 1985. The state's death rate has ranged between 6.2 and 6.5 since 1979, representing a slowing of the decline in the death rate experienced over much of this century. A total of 20,768 Colorado residents died in 1986, compared with 20,234 deaths in 1985 and 20,356 in 1984. Colorado's death rate continued to be lower than that for the nation, which was 8.7 in 1986 (provisional rate). A total of 21,260 deaths actually occurred in the state in 1986, up from 20,727 deaths in 1985.

The rank order of the ten leading causes of death was the same in 1986 as in 1985: heart disease, malignant neoplasms, cerebrovascular disease, accidents, chronic obstructive pulmonary diseases (COPD), pneumonia and influenza, suicide, atherosclerosis, diabetes, and cirrhosis of the liver. Colorado continues to experience lower death rates from such diseases as heart disease and malignant neoplasms, but higher rates from COPD and suicide.

There was 1 maternal death to a Colorado resident in 1986. This compares with 3 maternal deaths in 1985 and 1 in 1984.

INFANT DEATHS

Colorado's resident infant mortality rate reached its lowest point in the state's history in 1986, declining to 8.6 infant deaths per 1,000 resident live births. The state's infant mortality rate was 9.4 in 1985 and 10.2 in 1984. There were 476 resident infant deaths in 1986, compared with 519 in 1985 and 552 in 1984. The provisional U.S. infant mortality rate was 10.4 in 1986.

The neonatal mortality rate for Colorado, which is the number of resident deaths occurring in the first twenty-eight days of life per 1,000 resident live births, decreased to a record low of 5.3 in 1986. The neonatal mortality rate was 5.5 in 1985 and 5.8 in 1984. There were 293 Colorado resident neonatal deaths in 1986.

SPONTANEOUS FETAL DEATHS (<20 WEEKS)

Reported spontaneous fetal death of less than 20 weeks gestation occurring to Colorado residents in the state totaled 2,053 in 1986, down from 2,337 fetal deaths in 1985 and 2,501 in 1984. Including nonresident events, 2,108 fetal deaths of early gestation were reported in 1986. Reporting of these events is assumed to be incomplete.

SPONTANEOUS FETAL DEATHS (≥20 WEEKS)

A total of 371 fetal deaths of 20 weeks or greater gestational age were reported to have occurred to Colorado residents in the state in 1986. In 1984, 434 fetal deaths were reported, and 417 were reported in 1985. Including nonresident events, 384 late term fetal deaths were reported in Colorado in 1986.

INDUCED TERMINATIONS OF PREGNANCY

A total of 14,144 induced terminations of pregnancy were reported to have occurred in Colorado in 1986, continuing the decline noted in 1985. In 1984, 17,550 induced terminations of pregnancy were reported, decreasing to 15,553 in 1985. It is assumed reporting of these events is incomplete.

Colorado residents represented 13,304 or 94.1 percent of total patients in 1986. Women aged 20 to 24 years accounted for one-third of all patients, and women aged 15 to 19 years accounted for one-fourth of the total.

MARRIAGES

Colorado's marriage rate declined to 10.0 per 1,000 population in 1986, its lowest point since the rate of 9.9 in 1966. The number of marriages decreased to 32,811 in 1986 from 33,612 in 1985. The provisional U.S. marriage rate also was 10.0 in 1986.

MARRIAGE DISSOLUTIONS

The Colorado marriage dissolution rate declined slightly in 1986 to 5.7 per 1,000 population, its lowest point since 1972's rate of 5.3. Rates have generally declined since 1977 when the rate reached 7.7. There were 18,951 marriage dissolutions in the state in 1986. The provisional U.S. rate for 1986 was 4.8.

ADOPTIONS

The number of adoptions processed in Colorado, including legitimations and paternity adjudications, totaled 4,007 in 1986. Of these, 1,654 were stepparent adoptions, 924 were both parent adoptions, 102 were relative adoptions, and 73 were single parent adoptions. Legitimations and adjudications accounted for the balance of 1,254 reports in 1986.

Table 1. Colorado Vital Statistics, 1986

	Vital Statistics of Colorado Residents by Place of Occurrence			Vital Statistics of Colorado Occurrences by Place of Residence		
Vital Event	Total	Colorado	Out of State	Total	Colorado	Nonresident
Live Births	55,142	54,823	319	55,556	54,823	733
Low Weight Births	4,255	4,230	25	4,364	4,230	134
Births to Unmarried Women	9,926	9,845	81	9,952	9,845	107
Deaths	20,768	20,259	509	21,260	20,259	1,001
Infant Deaths	476	467	9	537	467	70
Neonatal Deaths	293	287	6	336	287	49
Fetal Deaths (20+ weeks Gestation)	-	371	-	384	371	13
Perinatal Deaths	-	658	-	720	658	62
Induced Terminations of Pregnancy	-	14,144	-	14,144	13,304	840
Marriages	-	-	-	32,811	-	-
Marriage Dissolutions	-	-	-	18,951	-	-
Population	3,296,032 Total		1,639,420 Males		1,656,575 Females	

Table 2. Population by Age and Sex: Colorado, 1986

Age Group	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Total	3,296,032	100.0	1,639,420	100.0	1,656,575	100.0
<1	58,435	1.8	30,033	1.8	28,402	1.7
1-4	212,560	6.4	108,909	6.6	103,649	6.3
5-9	242,159	7.3	123,929	7.6	118,227	7.1
10-14	229,067	6.9	117,540	7.2	111,524	6.7
15-19	256,594	7.8	132,078	8.1	124,516	7.5
20-24	296,593	9.0	152,324	9.3	144,267	8.7
25-34	649,048	19.7	331,504	20.2	317,540	19.2
35-44	501,403	15.2	253,270	15.4	248,127	15.0
45-54	303,428	9.2	150,482	9.2	152,942	9.2
55-64	252,264	7.7	119,550	7.3	132,709	8.0
65-74	175,828	5.3	77,806	4.7	98,020	5.9
75-84	90,609	2.7	34,102	2.1	56,504	3.4
85+	28,044	0.9	7,893	0.5	20,148	1.2
Median	30.5 Years		29.7 Years		31.3 Years	

Table 3. Population, Population Growth, Natural Increase, Net In-Migration, and Median Age: Colorado, Census Years 1860-1980

Year	Colorado Population	Change From Previous Decade		Natural Increase in Previous Decade				Net In-Migration	Median Age
		Number	Percent	Births in Decade	Deaths in Decade	Natural Increase	Percent of Change		
1860	34,277	-	-	-	-	-	-	-	-
1870	39,864	5,587	16.3	-	-	-	-	-	-
1880	194,327	154,463	387.5	-	-	-	-	-	-
1890	413,249	218,922	112.7	-	-	-	-	-	25.7
1900	539,700	126,451	30.6	-	-	-	-	-	26.0
1910	799,024	259,324	48.0	-	-	-	-	-	26.3
1920	939,629	140,605	17.6	-	-	-	-	-	26.8
1930	1,035,791	96,162	10.2	192,841	127,989	64,852	67.4	31,310	27.3
1940	1,123,296	87,505	8.4	187,206	127,911	59,295	67.8	28,210	29.2
1950	1,325,089	201,793	18.0	264,798	120,331	144,467	71.6	57,326	29.5
1960	1,753,947	428,858	32.4	390,111	134,015	256,096	59.7	172,762	27.9
1970	2,209,596	455,649	26.0	396,810	162,615	234,195	51.4	221,454	26.2
1980	2,889,735	680,139	30.8	413,392	179,646	233,746	34.4	446,393	28.6

Colorado attained statehood in 1876. Population figures are April 1 census counts.
Source: Demographic Section, Colorado Department of Local Affairs.

Figure 1. Birth and Death Rates: United States, 1940-1986

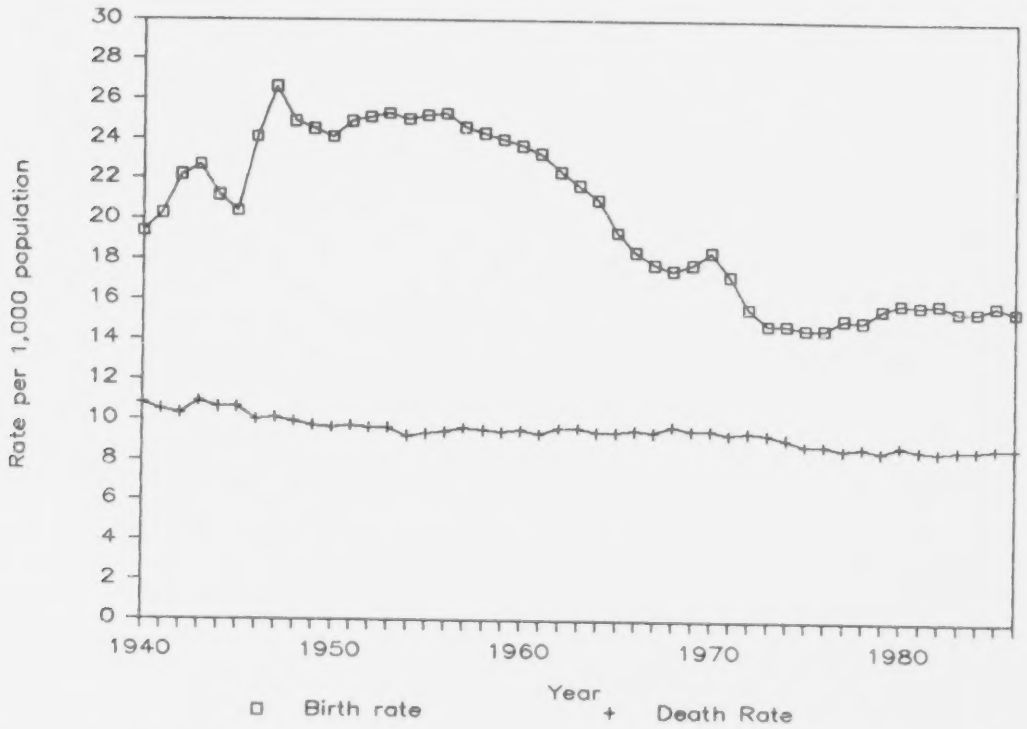


Figure 2. Birth and Death Rates: Colorado Residents, 1940-1986

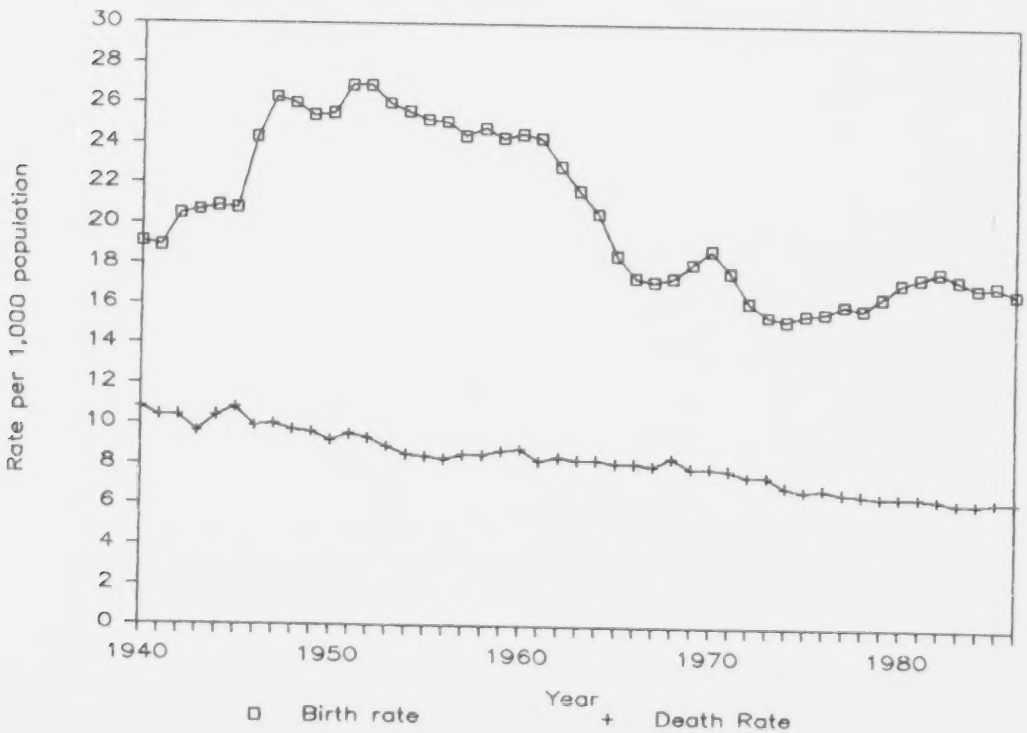


Table 4. Population, Births, and Births to Unmarried Women: Colorado Residents and U. S. Rates, Selected Years, 1910-1986

Year	Colorado Population	Total Births			Births to Unmarried Women		
		Colorado			Colorado		
		Number	Rate	U.S. Rate	Number	Rate	U.S. Rate
1910	799,024	12,164	15.2	-	-	-	-
1920	939,629	18,676	19.9	23.7	-	-	-
1930	1,035,791	18,878	18.2	18.9	442	23.5	32.7
1940	1,123,296	21,416	19.1	17.9	436	20.4	37.9
1950	1,325,089	33,853	25.5	23.6	1,019	30.1	39.8
1960	1,753,947	42,905	24.5	23.7	1,785	41.6	52.7
1961	1,840,000	44,648	24.3	23.3	1,955	43.8	56.3
1962	1,900,000	43,594	22.9	22.4	2,181	50.0	58.8
1963	1,940,000	42,179	21.7	21.7	2,339	55.5	63.3
1964	1,970,000	40,537	20.6	21.0	2,602	64.2	68.5
1965	1,990,000	36,851	18.5	19.4	3,018	81.9	77.4
1966	2,010,000	34,899	17.4	18.4	3,016	86.4	83.9
1967	2,050,000	35,166	17.2	17.8	3,139	89.3	90.3
1968	2,120,000	36,842	17.4	17.5	3,172	86.1	96.9
1969	2,170,000	39,189	18.1	17.8	3,686	94.1	100.2
1970	2,209,596	41,480	18.8	18.4	3,982	96.0	106.9
1971	2,285,000	40,360	17.7	17.2	3,831	94.9	112.9
1972	2,378,000	38,585	16.2	15.6	3,753	97.3	123.7
1973	2,490,000	38,507	15.5	14.8	3,849	100.0	129.8
1974	2,544,000	39,036	15.3	14.8	3,976	101.9	132.3
1975	2,577,000	40,148	15.6	14.6	4,244	105.7	142.5
1976	2,618,000	40,978	15.7	14.6	4,465	109.0	147.8
1977	2,676,000	43,056	16.1	15.1	4,903	113.9	155.0
1978	2,766,000	44,063	15.9	15.0	5,343	121.3	163.2
1979	2,851,000	47,179	16.5	15.6	5,853	124.1	171.1
1980	2,889,735	49,716	17.2	15.9	6,465	130.0	184.3
1981	2,984,259	52,104	17.5	15.8	7,016	135.0	189.2
1982	3,071,750	54,786	17.8	15.9	7,760	141.6	194.3
1983	3,148,512	54,644	17.4	15.5	7,920	144.9	202.8
1984	3,189,790	54,339	17.0	15.5	8,289	152.5	210.0
1985	3,231,083	55,115	17.1	15.8	9,151	166.0	220.2
1986	3,296,032	55,142	16.7	15.5	9,926	180.0	-

Birth rates are per 1,000 population. Rates for births to unmarried women are per 1,000 live births. Populations for census years are actual April 1 census counts. Populations for intercensual years are midyear estimates. The sources for populations used are the Demographic Section, Colorado Department of Local Affairs, and the U.S. Bureau of the Census. The source for U.S. vital statistics is the National Center for Health Statistics. U.S. rates for 1986 are provisional.

Table 5. Deaths, Infant Deaths, Neonatal Deaths, and Maternal Deaths: Colorado Residents and U.S. Rates, Selected Years, 1910-1986

	Total Deaths			Infant Deaths			Neonatal Deaths			Maternal Deaths		
	Colorado		U.S.	Colorado		U.S.	Colorado		U.S.	Colorado		U.S.
Year	No.	Rate	Rate	No.	Rate	Rate	No.	Rate	Rate	No.	Rate	Rate
1910	11,053	13.8	14.7	-	104.2	132.0	-	-	-	-	-	-
1920	13,569	14.4	13.0	-	101.9	100.8	-	-	-	-	-	-
1930	13,191	12.7	11.3	-	91.5	68.6	-	-	-	-	-	-
1940	12,181	10.8	10.8	1,275	59.8	47.0	707	33.0	28.8	88	41.1	37.6
1950	12,222	9.2	9.6	1,158	34.2	29.2	791	23.4	20.5	30	8.9	8.3
1960	15,351	8.8	9.5	1,182	27.5	26.0	916	21.3	18.7	9	2.1	3.7
1961	15,128	8.2	9.3	1,169	26.2	25.3	875	19.6	18.4	12	2.7	3.7
1962	15,992	8.4	9.5	1,098	25.2	25.3	811	18.6	18.3	9	2.1	3.5
1963	16,106	8.3	9.6	1,096	26.0	25.2	816	19.3	18.2	13	3.1	3.6
1964	16,400	8.3	9.4	1,033	25.5	24.8	764	18.8	17.9	6	1.5	3.3
1965	16,206	8.1	9.4	895	24.3	24.7	654	17.7	17.7	9	2.4	3.2
1966	16,325	8.1	9.5	820	23.5	23.7	617	17.7	17.2	4	1.1	2.9
1967	16,321	8.0	9.4	805	22.9	22.4	624	17.7	16.5	9	2.6	2.8
1968	17,705	8.4	9.7	762	20.7	21.8	580	15.7	16.1	5	1.4	2.5
1969	17,081	7.9	9.5	806	20.6	20.9	609	15.5	15.6	6	1.5	2.2
1970	17,439	7.9	9.5	829	20.0	20.0	628	15.1	15.1	9	2.2	2.2
1971	17,892	7.8	9.3	736	18.2	19.1	541	13.4	14.2	8	2.0	1.9
1972	17,856	7.5	9.4	678	17.6	18.5	487	12.6	13.6	4	1.0	1.9
1973	18,633	7.5	9.3	637	16.5	17.7	465	12.1	13.0	4	1.0	1.5
1974	17,851	7.0	9.1	612	15.7	16.7	447	11.5	12.3	8	1.8	1.5
1975	17,401	6.8	8.8	572	14.2	16.1	383	9.5	11.6	5	1.2	1.3
1976	17,966	6.9	8.8	531	13.0	15.2	357	8.7	10.9	2	0.5	1.2
1977	17,875	6.7	8.6	517	12.0	14.1	318	7.4	9.9	7	1.6	1.1
1978	18,325	6.6	8.7	493	11.2	13.8	303	6.9	9.5	2	0.5	1.0
1979	18,408	6.5	8.5	496	10.5	13.0	300	6.4	8.9	3	0.6	0.8
1980	18,927	6.5	8.8	500	10.1	12.9	329	6.6	8.5	6	1.2	0.7
1981	19,360	6.5	8.6	517	9.9	11.9	337	6.5	8.0	4	0.8	0.8
1982	19,638	6.4	8.5	497	9.1	11.5	309	5.6	7.7	6	1.1	0.9
1983	19,531	6.2	8.6	547	10.0	11.2	321	5.9	7.3	2	0.4	0.8
1984	20,356	6.4	8.6	552	10.2	10.8	316	5.8	7.0	1	0.2	0.6
1985	20,234	6.3	8.7	519	9.4	10.6	302	5.5	-	3	0.5	0.9
1986	20,768	6.3	8.7	476	8.6	10.4	293	5.3	-	1	0.2	-

Total death rates are per 1,000 population. Neonatal deaths are those deaths occurring in the first twenty-eight days of life. Neonatal and infant mortality rates are per 1,000 live births. Maternal death rates are per 10,000 live births. The source for U.S. vital statistics is the National Center for Health Statistics. U.S. rates for 1985 and 1986 are provisional.

Table 6. Total Births and Deaths for Selected Incorporated Cities (1980 Population ≥2,500) by City of Residence: Colorado, 1986

City	County	Births	Deaths	City	County	Births	Deaths
Colorado		55,142	20,768				
Alamosa	Alamosa	144	57	Grand Junction	Mesa	514	353
Arvada	Adams	43	9	Greeley	Weld	1,004	452
Arvada	Jefferson	1,457	445	Greenwood Village	Arapahoe	1	2
Aspen	Pitkin	60	20	Gunnison	Gunnison	49	34
Aurora	Adams	641	145	La Junta	Otero	163	97
Aurora	Arapahoe	3,749	780	Lafayette	Boulder	338	52
Boulder	Boulder	919	386	Lakewood	Jefferson	1,766	799
Brighton	Adams	273	104	Lamar	Prowers	161	84
Broomfield	Adams	79	10	Las Animas	Bent	33	46
Broomfield	Boulder	182	45	Leadville	Lake	41	24
Broomfield	Jefferson	146	10	Littleton	Arapahoe	517	231
Brush	Morgan	67	78	Longmont	Boulder	999	347
Burlington	Kit Carson	53	41	Louisville	Boulder	230	35
Canon City	Fremont	166	213	Loveland	Larimer	621	315
Castle Rock	Douglas	134	26	Manitou Springs	El Paso	57	30
Colorado Springs	El Paso	5,926	1,666	Monte Vista	Rio Grande	92	41
Commerce City	Adams	466	152	Montrose	Montrose	127	96
Cortez	Montezuma	116	71	Northglenn	Adams	408	148
Craig	Moffat	146	44	Pueblo	Pueblo	1,468	1,003
Delta	Delta	60	56	Rifle	Garfield	89	48
Denver	Denver	9,183	4,624	Rocky Ford	Otero	78	55
Durango	La Plata	130	102	Salida	Chaffee	63	78
Edgewater	Jefferson	102	34	Sheridan	Arapahoe	17	22
Englewood-Cherry Hills	Arapahoe	692	381	Steamboat Springs	Routt	74	22
Estes Park	Larimer	34	42	Sterling	Logan	167	110
Evans	Weld	148	39	Thornton	Adams	1,085	194
Federal Heights	Adams	74	19	Trinidad	Las Animas	119	135
Florence	Fremont	50	49	Walsenburg	Huerfano	41	50
Fort Collins	Larimer	1,305	474	Westminister	Adams	682	203
Fort Lupton	Weld	113	41	Westminister	Jefferson	418	20
Fort Morgan	Morgan	172	97	Wheat Ridge	Jefferson	386	266
Fountain	El Paso	220	38	Windsor	Weld	67	35
Fruita	Mesa	61	48	Woodland Park	Teller	80	19
Glenwood Springs	Garfield	86	43	Yuma	Yuma	41	44
Golden	Jefferson	299	148	Balance of State		15,650	4,741

Births are tabulated by mother's city of residence.

Table 7. Vital Events by Race and Spanish Origin: Colorado Residents, 1986

Event	Total	White			Non-White				Non-Spanish Origin	Spanish Origin
		Total	Anglo White	Spanish Surname	Total	Black	Indian	Other & Unknown		
Live Births	55,142	50,172	42,263	7,909	4,970	3,072	571	1,327	47,380	7,762
Male	28,138	25,650	21,596	4,054	2,488	1,532	295	661	24,164	3,974
Female	27,004	24,522	20,667	3,855	2,482	1,540	276	666	23,216	3,788
Low Weight Births	4,255	3,661	2,965	696	594	444	43	107	3,579	676
Births to Unmarried Women	9,926	8,226	5,267	2,959	1,700	1,381	182	137	7,064	2,862
Deaths	20,768	19,900	18,304	1,596	868	683	59	116	19,285	1,483
Male	10,815	10,307	9,338	969	508	417	32	59	9,907	908
Female	9,953	9,593	8,966	627	360	276	27	57	9,378	575
Infant Deaths	476	418	354	64	58	53	1	4	222	54
Male	276	243	205	38	33	29	1	3	240	36
Female	200	175	149	26	25	24	0	1	182	18
Neonatal Deaths	293	257	217	40	36	32	1	3	256	37
Fetal (≥20 Wks.) Deaths	371	331	281	50	40	24	3	13	271	45
Perinatal Deaths	664	588	498	90	76	56	4	16	527	82

Spanish surname is identified among whites by using the 1980 census list of Spanish surnames. It is distinct from Spanish origin, which is reported by the informant and is independent of race. Race and origin shown are those of child, decedent, or fetus. Fetal deaths are for resident events occurring in Colorado only. Perinatal deaths are neonatal deaths and fetal deaths (20+ weeks gestation). Categories may not add to total.

Table 8. Summary Vital Statistics by Month of Occurrence: Colorado Residents and Occurrence, 1986

Event		Total	Month of Occurrence										
			Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Births														
Residence	Number	55,142	4,449	4,184	4,513	4,824	4,876	4,637	4,921	4,938	4,741	4,645	4,057	4,357
	Percent	100.0	8.1	7.6	8.2	8.7	8.8	8.4	8.9	9.0	8.6	8.4	7.4	7.9
Occurrence	Number	55,556	4,488	4,225	4,534	4,844	4,904	4,658	4,966	4,977	4,790	4,690	4,084	4,396
	Percent	100.0	8.1	7.6	8.2	8.7	8.8	8.4	8.9	9.0	8.6	8.4	7.4	7.9
Births to Unmarried Women														
Residence	Number	9,926	870	757	820	871	873	871	886	838	850	806	698	786
	Percent	100.0	8.8	7.6	8.3	8.8	8.8	8.8	8.9	8.4	8.6	8.1	7.0	7.9
Occurrence	Number	9,952	868	760	812	867	879	878	892	840	857	806	701	792
	Percent	100.0	8.7	7.6	8.2	8.7	8.8	8.8	9.0	8.4	8.6	8.1	7.0	8.0
Fetal Deaths (>20 Wks.)														
Residence	Number	371	40	29	34	31	36	35	30	23	31	25	28	29
	Percent	100.0	10.8	7.8	9.2	8.4	9.7	9.4	8.1	6.2	8.4	6.7	7.5	7.8
Occurrence	Number	384	41	29	34	31	37	37	32	25	33	27	28	30
	Percent	100.0	10.7	7.6	8.9	8.1	9.6	9.6	8.3	6.5	8.6	7.0	7.3	7.8
Infant Deaths														
Residence	Number	476	45	44	49	33	44	41	36	29	41	42	35	37
	Percent	100.0	9.5	9.2	10.3	6.9	9.2	8.6	7.6	6.1	8.6	8.8	7.4	7.8
Occurrence	Number	537	47	49	58	37	48	51	41	35	46	46	39	40
	Percent	100.0	8.8	9.1	10.8	6.9	8.9	9.5	7.6	6.5	8.6	8.6	7.3	7.4
Deaths														
Residence	Number	20,768	1,817	1,821	1,936	1,736	1,704	1,628	1,639	1,629	1,585	1,728	1,650	1,895
	Percent	100.0	8.7	8.8	9.3	8.4	8.2	7.8	7.9	7.8	7.6	8.3	7.9	9.1
Occurrence	Number	21,260	1,839	1,832	1,970	1,766	1,726	1,690	1,707	1,687	1,625	1,779	1,700	1,939
	Percent	100.0	8.7	8.6	9.3	8.3	8.1	7.9	8.0	7.9	7.6	8.4	8.0	9.1
Resident Deaths by Selected Cause														
Heart Disease		6,443	557	551	621	559	507	505	515	472	458	557	503	638
		100.0	8.6	8.6	9.6	8.7	7.9	7.8	8.0	7.3	7.1	8.6	7.8	9.9
Malignant Neoplasms		4,348	362	376	354	352	360	381	331	381	370	350	336	395
		100.0	8.3	8.6	8.1	8.1	8.3	8.8	7.6	8.8	8.5	8.0	7.7	9.1
Cerebrovascular Disease		1,307	132	112	140	102	106	77	105	93	100	107	120	113
		100.0	10.1	8.6	10.7	7.8	8.1	5.9	8.0	7.1	7.7	8.2	9.2	8.6
Accidents		1,248	72	91	99	110	114	116	129	138	110	105	79	85
		100.0	5.8	7.3	7.9	8.8	9.1	9.3	10.3	11.1	8.8	8.4	6.3	6.8
Chronic Obstructive Pulmonary Diseases		1,141	107	119	123	90	85	84	83	82	75	94	90	109
		100.0	9.4	10.4	10.8	7.9	7.4	7.4	7.3	7.2	6.6	8.2	7.9	9.6
Influenza & Pneumonia		862	88	112	106	87	65	54	53	32	40	68	56	101
		100.0	10.2	13.0	12.3	10.1	7.5	6.3	6.1	3.7	4.6	7.9	6.5	11.7
Suicide		572	71	41	54	37	43	43	57	43	43	42	53	45
		100.0	12.4	7.2	9.4	6.5	7.5	7.5	10.0	7.5	7.5	7.3	9.3	7.9
Atherosclerosis		349	33	37	28	34	30	23	20	19	25	37	41	22
		100.0	9.5	10.6	8.0	9.7	8.6	6.6	5.7	5.4	7.2	10.6	11.7	6.3
Diabetes		347	35	32	32	38	31	25	21	20	36	25	25	27
		100.0	10.1	9.2	9.2	11.0	8.9	7.2	6.1	5.8	10.4	7.2	7.2	7.8
Cirrhosis of the Liver		308	24	16	31	26	24	28	25	31	28	17	25	33
		100.0	7.8	5.2	10.1	8.4	7.8	9.1	8.1	10.1	9.1	5.5	8.1	10.7
Homicide		237	11	12	22	21	28	22	24	23	22	20	16	16
		100.0	4.6	5.1	9.3	8.9	11.8	9.3	10.1	9.7	9.3	8.4	6.8	6.8
All Other Causes		3,606	325	322	326	280	311	270	276	295	278	306	306	311
		100.0	9.0	8.9	9.0	7.8	8.6	7.5	7.7	8.2	7.7	8.5	8.5	8.6

The "ICD-9" Codes for each of the causes of death are listed in Appendix B.

Table 9. Reported Pregnancies, Live Births, Induced Terminations of Pregnancy, and Spontaneous Fetal Deaths of ≥20 Weeks Gestation for All Women and Women under 20 Years of Age: Colorado Occurrence, 1970-1986

	All Ages				Under 20 Years of Age			
Year	Total	Live Births	Induced Terminations of Pregnancy	Fetal Deaths (≥20 Wks.)	Total	Live Births	Induced Terminations of Pregnancy	Fetal Deaths (≥20 Wks.)
1970	46,038	42,563	2,581	894	8,506	7,428	869	209
1971	46,225	41,180	4,168	877	8,916	7,235	1,448	233
1972	45,475	39,488	5,383	604	9,172	7,120	1,938	114
1973	47,434	39,438	7,451	545	9,959	7,232	2,621	106
1974	49,409	39,816	9,027	566	10,282	7,105	3,086	91
1975	51,657	40,630	10,466	561	10,480	6,805	3,569	106
1976	53,470	41,349	11,539	582	10,708	6,584	4,041	83
1977	57,082	43,544	12,913	625	10,783	6,468	4,220	95
1978	60,474	44,506	15,397	571	11,299	6,292	4,926	81
1979	64,392	47,741	16,232	419	11,632	6,532	5,032	68
1980	68,188	50,167	17,601	420	11,580	6,650	4,873	57
1981	70,215	52,504	17,240	471	11,539	6,664	4,394	70
1982	72,385	55,202	16,685	498	11,166	6,599	4,497	70
1983	72,287	55,015	16,793	479	10,835	6,271	4,502	62
1984	72,569	54,570	17,550	449	10,398	5,805	4,527	66
1985	71,419	55,440	15,553	426	10,095	5,744	4,311	40
1986	70,084	55,556	14,144	384	9,370	5,687	3,644	39

Table 10. Total Reported Pregnancies for All Women and Women under 20 Years of Age: Colorado Residents, 1986

Event	All Ages	Under 20 Years
Total Pregnancies	70,870	9,211
Births	55,142	5,645
Induced Terminations of Pregnancy	13,304	3,351
Spontaneous Fetal Deaths (≥20 Weeks)	371	37
Spontaneous Fetal Deaths (<20 Weeks)	2,053	178
Reported Pregnancy Rate	84.9	39.0

Pregnancy rates in this table are based on live births, reported induced terminations of pregnancy, and reported spontaneous fetal deaths of all gestational ages. The total pregnancy rate is per 1,000 women aged 15 to 44 years. The reported pregnancy rate for women under 20 years of age is per 1,000 women aged 10 to 19 years. The rates in this table differ from other pregnancy rates appearing in this report by their inclusion of reported spontaneous fetal deaths of less than 20 weeks gestation.

Section 2

NATALITY

Births to Colorado residents totaled 55,142 live births in 1986, a mere 27 births more than the 55,115 resident births in 1985. Of the total resident births in 1986, 54,823 or, 99.4 percent, occurred in Colorado and 319 occurred out of the state. Occurrence live births, those events actually occurring in Colorado, totaled 55,556 in 1986, 733 of which were to nonresident women.

With the state's population increasing at a greater pace than the number of births, the birth rate declined to 16.7 births per 1,000 population in 1986, reaching its lowest point since the rate of 16.5 in 1979. The birth rate was 17.1 in 1985. Colorado's birth rate has decreased 6.2 percent since the decade high of 17.8 reached in 1982. The provisional U.S. birth rate for 1986 was 15.5, compared with a rate of 15.8 in 1985.

The Colorado general fertility rate in 1986 was 66.1 births per 1,000 women aged 15 to 44 years, down slightly from the rate of 67.2 in 1985. The fertility rate for 1986 was the lowest experienced since 1979, when the rate was 65.8. Table 11 shows birth and fertility rates for Colorado and the nation. The provisional U.S. fertility rate was 64.9 in 1986.

Decreasing numbers of women in the prime childbearing age group and lower age-specific fertility rates for these women appear to be largely responsible for the lower general fertility rate. The number of Colorado resident women aged 20 to 29 years decreased from 302,383 in 1985 to 300,834 in 1986, while the number of women aged 30 to 39 years increased from 292,060 to 301,676. Age-specific fertility rates for women aged 20 to 24 years have declined from 111.5 births per 1,000 women in 1980 to 107.8 in 1986. In contrast, fertility rates for women aged 25 to 29 years have increased from 107.2 in 1980 to 115.5 in 1986.

Fertility rates for women in their thirties continued to increase in 1986, while rates for teens continued a gradual decline. Table 12 presents births and fertility rates by age of mother for 1980, 1985, and 1986.

Reflecting these trends in population and fertility, the median age of Colorado mothers has increased over time, reaching 26.7 years in 1986. The median age of mothers has increased 2.7 years since the median of 24.0 years experienced in 1970. See Table 13, which also provides information for Colorado resident deaths for 1970 through 1986 by sex of child, low weight births, reported congenital anomalies, percent of mothers with no other living children, and percent of births to unmarried women.

In 1986, 81.9 percent of Colorado resident births were to women reporting at least 12 years of education. This compares with 82.3 percent in 1985 and 81.6 percent in 1984. Education of mother, number of other living children, and month prenatal care began are shown in Table 14.

Prenatal care beginning in the first trimester was reported for 76.6 percent of Colorado births in 1986. The figure was 76.4 percent in 1985 and 76.2 percent in 1984. Seventeen percent of births in 1986 were reported with prenatal care beginning in the second trimester. Third trimester care was

reported for 2,260 births in 1986, or 4.1 percent of total births, and no prenatal care or care only at delivery was reported for 446 births.

Table 15 shows Colorado resident births in 1986 by race and Spanish origin by age of mother. Ninety percent of Colorado births were white, with 76.6 percent being Anglo white and 14.3 percent categorized as Spanish surname white. Black births represented 5.6 percent of total Colorado births in 1986.

Low weight births, which are births with weights or less than 2,500 grams (or 5 pounds, 8 ounces or less), were 7.7 percent of total births to Colorado residents in 1986, the same as in 1985. Historically Colorado has experienced a higher incidence of low weight births than the nation as a whole, but percentages in the state have fallen somewhat since 1970, when 9.6 percent of births were of low weight. Low weight births were 6.8 percent of total U.S. births in 1985. Table 16 presents low weight births and births to unmarried women by age of mother for 1986.

Births to unmarried women increased to 18.0 percent of Colorado births in 1986, up from 16.6 percent in 1985. A total of 9,926 births were to unmarried women in the state in 1986. Births to unmarried women accounted for 22.0 percent of U.S. births in 1985.

Table 17 displays congenital anomalies reported for Colorado resident birth in 1986. Congenital anomalies were reported for 410 births in 1986. It should be noted that severity of anomalies is not considered in reporting and the completeness of reporting is uncertain, even for apparently obvious anomalies. Table 18 shows birth weight and numbers of prenatal visits by age group of mothers for 1986.

Table 11. Birth and Fertility Rates: Colorado Residents and U.S. Rates, Selected Years, 1940-1986

		Colorado				United States	
		Natality		Fertility			
Year	Population	Births	Birth Rate	Women Aged 15-44 Years	Fertility Rate	Birth Rate	Fertility Rate
1940	1,123,296	21,416	19.1	260,721	82.1	17.9	79.9
1950	1,325,089	33,853	25.5	293,967	115.2	23.6	106.2
1960	1,753,947	42,905	24.5	355,530	120.7	23.7	118.0
1970	2,209,596	41,480	18.8	485,447	85.4	18.4	87.9
1980	2,889,735	49,716	17.2	732,112	67.9	15.9	68.4
1981	2,984,259	52,104	17.5	759,412	68.6	15.8	67.4
1982	3,071,750	54,786	17.8	784,924	69.8	15.9	67.3
1983	3,148,512	54,644	17.4	802,551	68.1	15.5	65.8
1984	3,189,790	54,339	17.0	812,725	66.9	15.5	65.4
1985	3,231,083	55,115	17.1	820,232	67.2	15.8	66.2
1986	3,296,032	55,142	16.7	834,450	66.1	15.5	64.9

Birth rates are per 1,000 population. Fertility rates are live births per 1,000 women aged 15 to 44 years. The source for U.S. data is the National Center for Health Statistics. U.S. rates for 1986 are provisional.

Table 12. Age-Specific Fertility Rates and Total Fertility Rates: Colorado Residents, 1980, 1985, and 1986

Age of Mother	1980 Live Births	1980 Number of Women	1980 Rate	1985 Live Births	1985 Number of Women	1985 Rate	1986 Live Births	1986 Number of Women	1986 Rate
10-14	57	111,736	0.5	90	110,428	0.8	83	111,526	0.7
15-19	6,530	131,810	49.5	5,634	124,939	45.1	5,562	124,517	44.7
20-24	16,642	149,195	111.5	16,242	145,344	111.7	15,546	144,269	107.8
25-29	16,081	149,986	107.2	18,065	157,039	115.0	18,078	156,565	115.5
30-34	8,349	131,695	63.4	11,231	158,210	71.0	11,634	160,978	72.3
35-39	1,842	96,913	19.0	3,464	133,850	25.9	3,824	140,698	27.2
40-44	198	77,307	2.6	370	100,864	3.7	404	107,433	3.8
45-49	12	69,317	0.2	13	78,790	0.2	8	82,302	0.0
Not Stated	5	-	-	6	-	-	3	-	-
Total	49,716	736,906	1829.5	55,115	820,246	1867.0	55,142	834,460	1860.5

Age-specific fertility rates are per 1,000 women in each age group. Total fertility rates are the sums of fertility rates for five-year age groups multiplied by 5. Total number of women is for ages 15 to 44 years.

Table 13. Selected Birth Statistics: Colorado Residents, 1970-1986

Year	Births Total	Births Male	Births Female	Low Weight Births No.	Low Weight Births Percent	Congenital Anomalies Reported at Birth No.	Congenital Anomalies Reported at Birth Percent	Age of Mother (Years) Median	Age of Mother (Years) Mode	Percent under Age 25 Years	Percent with No Other Living Children	Percent of Births to Unmarried Women
1970	41,480	21,334	20,146	4,002	9.6	536	1.3	24.0	23	56.9	39.5	9.6
1971	40,360	20,634	19,722	3,715	9.2	623	1.5	24.1	24	57.5	39.6	9.5
1972	38,585	19,853	18,727	3,563	9.2	478	1.2	24.3	25	55.4	40.0	9.7
1973	38,507	19,772	18,735	3,568	9.3	470	1.2	24.3	24	55.0	39.9	10.0
1974	39,036	19,999	19,037	3,496	9.0	396	1.0	24.5	22	54.0	44.1	10.2
1975	40,148	20,700	19,447	3,622	9.0	455	1.1	24.6	23	52.9	44.2	10.6
1976	40,978	21,012	19,966	3,616	8.8	499	1.2	24.9	23	50.9	41.1	10.9
1977	43,056	21,945	21,110	3,570	8.3	490	1.1	25.1	24	49.5	41.2	11.4
1978	44,063	22,619	21,444	3,617	8.2	490	1.1	25.2	24	48.5	44.6	12.1
1979	47,179	24,267	22,912	3,855	8.2	513	1.1	25.3	25	47.4	45.0	12.4
1980	49,716	25,433	24,282	4,090	8.2	523	1.1	25.5	23	46.7	46.1	13.0
1981	52,104	26,584	25,520	4,167	8.0	518	1.0	25.6	25	45.7	45.7	13.5
1982	54,786	27,968	26,818	4,220	7.7	497	0.9	25.7	25	44.8	45.3	14.2
1983	54,644	28,026	26,618	4,339	7.9	522	1.0	26.0	25	42.7	44.6	14.5
1984	54,339	27,825	26,514	4,141	7.6	447	0.8	26.3	26	41.1	43.4	15.3
1985	55,115	28,190	26,925	4,257	7.7	471	0.9	26.5	26	39.9	42.9	16.6
1986	55,142	28,138	27,004	4,255	7.7	410	0.7	26.7	25	38.4	42.4	18.0

Births of indeterminate gender are included in totals.

Table 14. Live Births by Education of Mother, Other Living Children, and Month in which Prenatal Care Began: Colorado Residents, 1986

Education of Mother			Other Living Children			Month in which Prenatal Care Began		
Years	Number	Percent	Children	Number	Percent	Months	Number	Percent
Total	55,142	100.0	Total	55,142	100.0	Total	55,142	100.0
0- 6	681	1.2	None	23,396	42.4	No Care	446	0.8
7	142	0.3	1	18,539	33.6	First	8,288	15.0
8	536	1.0	2	8,520	15.5	Second	22,379	40.6
9	1,442	2.6	3	2,954	5.4	Third	11,556	21.0
10	2,812	5.1	4	901	1.6	Fourth	4,794	8.7
11	3,723	6.8	5	308	0.6	Fifth	2,792	5.1
12	20,385	37.0	6	147	0.3	Sixth	1,779	3.2
13-14	10,919	19.8	7	65	0.1	Seventh	1,154	2.1
15-16	10,113	18.3	8	29	0.1	Eighth	793	1.4
17+	3,760	6.8	9+	31	0.1	Ninth	313	0.6
Not Stated	629	1.1	Not Stated	252	0.5	Not Stated	848	1.5

No care category includes care only at delivery.

Table 15. Live Births by Race and Spanish Origin of Child and Age of Mother: Colorado Residents, 1986

Race and Spanish Origin of Child	Age of Mother (Years)									
	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
Total	55,142	83	5,562	15,546	18,078	11,634	3,824	404	8	3
White	50,172	58	4,866	13,943	16,648	10,736	3,533	380	8	0
Anglo White	42,263	23	3,189	11,057	14,660	9,788	3,213	328	5	0
Spanish Surname	7,909	35	1,677	2,886	1,988	948	320	52	3	0
Non-White	4,832	25	676	1,565	1,396	864	281	24	0	1
Black	3,072	23	516	1,107	807	477	130	11	0	1
American Indian	571	2	85	182	177	90	33	2	0	0
Other	1,189	0	75	276	412	297	118	11	0	0
Unknown	138	0	20	38	34	34	10	0	0	2
Non-Spanish Origin	47,380	49	3,939	12,713	16,122	10,691	3,504	354	5	3
Spanish Origin	7,762	34	1,623	2,833	1,956	943	320	50	3	0

Table 16. Live Births, Low Weight Births, and Births to Unmarried Women by Single Year Age of Mother: Colorado Residents, 1986

Age of Mother	Total Births		Low Weight Births		Births to Unmarried Women	
	Number	Percent	Number	Percent	Number	Percent
Total	55,142	100.0	4,255	100.0	9,926	100.0
12	1	0.0	0	0.0	1	0.0
13	16	0.0	2	0.0	16	0.2
14	66	0.1	11	0.3	63	0.6
15	251	0.5	34	0.8	226	2.3
16	623	1.1	68	1.6	506	5.1
17	1,079	2.0	99	2.3	746	7.5
18	1,532	2.8	141	3.3	868	8.7
19	2,077	3.8	180	4.2	966	9.7
20	2,484	4.5	238	5.6	882	8.9
21	2,886	5.2	238	5.6	815	8.2
22	3,153	5.7	248	5.8	705	7.1
23	3,430	6.2	283	6.7	640	6.4
24	3,593	6.5	253	5.9	540	5.4
25	3,817	6.9	284	6.7	483	4.9
26	3,707	6.7	241	5.7	408	4.1
27	3,696	6.7	277	6.5	374	3.8
28	3,574	6.5	259	6.1	268	2.7
29	3,284	6.0	199	4.7	295	3.0
30	3,056	5.5	232	5.5	224	2.3
31	2,671	4.8	194	4.6	170	1.7
32	2,280	4.1	164	3.9	177	1.8
33	1,955	3.5	137	3.2	129	1.3
34	1,672	3.0	126	3.0	113	1.1
35	1,260	2.3	91	2.1	66	0.7
36	955	1.7	74	1.7	76	0.8
37	709	1.3	63	1.5	53	0.5
38	547	1.0	45	1.1	51	0.5
39	353	0.6	35	0.8	19	0.2
40	177	0.3	15	0.4	18	0.2
41	107	0.2	13	0.3	11	0.1
42	67	0.1	5	0.1	8	0.1
43	31	0.1	3	0.1	2	0.0
44	22	0.0	1	0.0	2	0.0
45	5	0.0	0	0	1	0.0
46	2	0.0	0	0	1	0.0
47	1	0.0	1	0.0	0	0
48+	0	0.0	0	0	0	0
Age Not Stated	3	0.0	1	0.0	3	0.0
Mean age	26.4 years		26.1 years		22.5 years	
Median age	26.7		26.2		21.8	
Modal age	25.0		25.0		19.0	

Table 17. Congenital Anomalies Reported on Birth Certificate: Colorado Residents, 1986

Total Congenital Anomalies Reported on Birth Certificate	410
Percent of Total Live Births	0.7

ANENCEPHALUS & SIMILAR ANOMALIES	7
Anencephalus	7
Craniorachischisis	-
Iniencephaly	-
SPINA BIFIDA	14
With Hydrocephalus	5
Without Mention of Hydrocephalus	9
OTHER ANOMALIES OF NERVOUS SYSTEM	3
Encephalocele	1
Microcephalus	-
Reduction Deformities of Brain	-
Congenital Hydrocephalus	1
Other Specified Anomalies of Brain	-
Other Spec. Anomalies of Spinal Cord	-
Other Spec. Anomalies of Nervous Sys.	-
Unspecified Anomalies of Nervous Sys.	1
CONGENITAL ANOMALIES OF EYE	2
Anophthalmos	-
Microphthalmos	-
Buphthalmos	-
Congenital Cataract & Lens Anomalies	-
Coloboma & Anterior Segment Anomalies	-
Anomalies of Posterior Segment	-
Eyelids, Lacrimal System & Orbit	-
Other Specified Anomalies of Eye	1
Unspecified Anomalies of Eye	1
ANOMALIES OF EAR, FACE & NECK	16
Of Ear, Causing Impairment of Hearing	1
Accessory Auricle	-
Other Specified Anomalies of Ear	2
Unspecified Anomalies of Ear	6
Branchial Cleft, Cyst, or Fistula, Preauricular Sinus	-
Webbing of Neck	-
Other Spec. Anomalies of Face & Neck	7
Unspecified Anomalies of Face & Neck	-
BULBUS CORDIA ANOMALIES & ANOMALIES OF CARDIAC SEPTAL CLOSURE	11
Common Truncus	-
Transposition of Great Vessels	6
Tetralogy of Fallot	1
Common Ventricle	-
Ventricular Septal Defect	3
Ostium Secundum Type Atrial Septal Defect	1
Endocardial Cushion Defects	-
Cor Biloculare	-
Other Defect of Septal Closure	-
Unspecified Defect of Septal Closure	-
OTHER CONGENITAL ANOMALIES OF HEART	18
Anomalies of Pulmonary Valve	-
Tricuspid Atresia & Stenosis, Congenital	-
Ebstein's Anomaly	1
Congenital Stenosis of Aortic Valve	-
Congenital Insufficiency of Aortic Valve	-
Congenital Mitral Stenosis	-
Congenital Mitral Insufficiency	-
Hypoplastic Left Heart Syndrome	3
Other Specified Anomalies of Heart	4
Unspecified Anomalies of Heart	10
OTHER ANOMALIES OF CIRCULATORY SYSTEM	3
Patent Ductus Arteriosus	-
Coarctation of Aorta	-
Other Anomalies of Aorta	-
Anomalies of Pulmonary Artery	1
Anomalies of Great Veins	-
Absence or Hypoplasia of Umbilical Artery	2
Other Anomalies of Peripheral Vascular System	-
Other Specified Anomalies of Circulatory System	-
Unspecified Anomalies of Circ. System	-
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	4
Choanal Atresia	-
Other Anomalies of Nose	-
Web of Larynx	-
Other Anomalies of Larynx, Trachea, & Bronchus	1
Congenital Cystic Lung	-
Agenesis, Hypoplasia, & Dysplasia of Lung	2
Other Anomalies of Lung	1
Other Specified Anomalies of Resp. System	-
Unspecified Anomalies of Resp. System	-
CLEFT PALATE & CLEFT LIP	39
Cleft Palate	9
Cleft Lip	11
Cleft Palate with Cleft Lip	19
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT	9
Tongue Tie	1
Other Anomalies of Tongue	-
Other Spec. Anomalies of Mouth & Pharynx	1
Tracheo-Oesophageal Fistula, Oesophageal Atresia, & Stenosis	5
Other Spec. Anomalies of Oesophagus	-
Congenital Hypertrophic Pyloric Stenosis	-
Congenital Hiatus Hernia	-
Other Specified Anomalies of Stomach	-
Other Spec. Anomalies of Upper Alimentary	-
Unspec. Anomalies of Upper Alimentary	2

Table 17 (Continued)

OTHER ANOMALIES OF DIGESTIVE SYSTEM	9
Meckel's Diverticulum	-
Atresia & Stenosis of Small Intestine	2
Atresia & Stenosis of Large Intestine, Rectum and Anal Canal	5
Hirschsprung's Disease & Other Cong. Functional Disorders of Colon	1
Anomalies of Intestinal Fixation	1
Other Anomalies of Intestine	-
Anomalies of Gallbladder, Bile Ducts, & Liver	-
Anomalies of Pancreas	-
Other Spec. Anomalies of Dig. System	-
Unspecified Anomalies of Dig. System	-
ANOMALIES OF GENITAL ORGANS	49
Anomalies of the Ovaries	-
Of Fallopian Tubes & Broad Ligaments	-
Doubling of Uterus	-
Other Anomalies of Uterus	-
Anomalies of Cervix, Vagina, & External Female Genitalia	-
Undescended Testicle	16
Hypospadias & Epispadias	28
Indeterminate Sex & Pseudohermaphroditism	1
Other Specified Anomalies of Genitals	2
Unspecified Anomalies of Genitals	2
ANOMALIES OF URINARY SYSTEM	9
Renal Agenesis & Dysgenesis	1
Cystic Kidney Disease	2
Obstructive Defects of Renal Pelvis & Ureter	5
Other Specified Anomalies of Kidney	-
Other Specified Anomalies of Ureter	-
Exstrophy of Urinary Bladder	-
Atresia & Stenosis of Urethra & Bladder Neck	-
Anomalies of Urachus	1
Other Specified Anomalies of Bladder & Urethra	-
Unspecified Anomalies of Urinary System	-
CERTAIN CONGENITAL MUSCULOSKELETAL DEFORMITIES	27
Of Skull, Face, & Jaw	1
Of Sternocleidomastoid Muscle	-
Deformities of Spine	1
Congenital Dislocation of Hip	8
Congenital Genu Recurvatum & Bowing of Long Bones of Leg	-
Varus Deformities of Feet	4
Valgus Deformities of Feet	1
Other Deformities of Feet	12
Other Specified Musculoskeletal Deformities	-
OTHER ANOMALIES OF LIMBS	52
Polydactyly	18
Syndactyly	5
Reduction Deformities of Upper Limb	6
Reduction Deformities of Lower Limb	2
Reduction Deformities, Unspecified Limb	-
Anomalies of Upper Limb & Shoulder Girdle	8
Anomalies of Lower Limb & Pelvic Girdle	12
Other Spec. Anomalies of Unspec. Limb	1
Unspecified Anomalies of Unspecified Limb	-
OTHER MUSCULOSKELETAL ANOMALIES	17
Anomalies of Skull & Face Bones	9
Anomalies of Spine	-
Cervical Rib	-
Other Anomalies of Rib & Sternum	-
Chondrodystrophy	-
Osteodystrophies	1
Anomalies of Diaphragm	5
Anomalies of Abdominal Wall	2
Other Specified Anomalies of Muscle, Tendon, Fascia, & Connective Tissue	-
Unspecified Musculoskeletal Anomalies	-
ANOMALIES OF THE INTEGUMENT	49
Hereditary Oedema of Legs	-
Ichthyosis Congenita	-
Dermatoglyphic Anomalies	-
Other Specified Anomalies of Skin	43
Specified Anomalies of Hair	-
Specified Anomalies of Nails	-
Specified Anomalies of Breast	1
Other Spec. Anomalies of the Integument	1
Unspecified Anomalies of the Integument	4
CHROMOSOMAL ANOMALIES	22
Down's Syndrome	16
Patau's Syndrome	1
Edward's Syndrome	2
Autosomal Deletion Syndromes	-
Balanced Autosomal Translocation	-
Other Conditions of Autosomal Anomalies	-
Gonadal Dysgenesis	-
Klinefelter's Syndrome	-
Other Sex Chromosome Anomalies	-
Unspecified Chromosome Anomalies	3
OTHER & UNSPECIFIED ANOMALIES	50
Anomalies of Spleen	-
Anomalies of Adrenal Gland	-
Anomalies of Other Endocrine Glands	-
Situs Inversus	-
Conjoined Twins	-
Tuberous Sclerosis	-
Other Hamartoses, Not Listed Elsewhere	1
Multiple Congenital Anomalies	41
Other Specified Anomalies	8
Congenital Anomaly, Unspecified	-

Table 18. Live Births by Birth Weight, Prenatal Visits, and Age of Mother: Colorado Residents, 1986

Birth Weight (Grams)		Age of Mother (Years)								
	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
Total	55,142	83	5,562	15,546	18,078	11,634	3,824	404	8	3
0-499	35	0	3	7	12	10	3	0	0	0
500-999	201	0	25	56	59	45	12	4	0	0
1,000-1,499	304	2	48	90	74	68	21	1	0	0
1,500-1,999	708	2	93	175	217	148	64	8	0	1
2,000-2,499	3,007	9	353	932	898	582	208	24	1	0
2,500-2,999	11,314	28	1,400	3,415	3,562	2,127	701	79	2	0
3,000-3,499	22,463	29	2,346	6,514	7,374	4,554	1,495	149	0	2
3,500-3,999	13,635	11	1,088	3,527	4,713	3,167	1,020	105	4	0
4,000-4,499	2,968	2	172	701	1,003	810	253	26	1	0
4,500-4,999	420	0	24	104	138	108	38	8	0	0
5,000+	32	0	3	7	12	6	4	0	0	0
Not Stated	55	0	7	18	16	9	5	0	0	0
Prenatal Visits										
0	576	4	149	202	128	67	20	3	2	1
1-3	1,405	8	319	566	319	134	50	9	0	0
4-6	3,713	8	766	1,344	915	494	155	29	2	0
7-9	8,638	21	1,160	2,686	2,569	1,542	585	75	0	0
10-12	21,860	23	1,953	5,976	7,477	4,809	1,442	176	4	0
13-15	13,410	16	753	3,293	4,772	3,337	1,169	70	0	0
16-18	2,763	0	208	728	969	643	198	17	0	0
19+	2,040	2	146	548	706	463	161	14	0	0
Not Stated	737	1	108	203	223	145	44	11	0	2

Under 500 gms. = 1 lbs. 1 oz. or less
500 - 999 gms. = 1 lbs. 2 oz.- 2 lbs. 3 oz.
1,000 - 1,499 gms. = 2 lbs. 4 oz.- 3 lbs. 4 oz.
1,500 - 1,999 gms. = 3 lbs. 5 oz.- 4 lbs. 6 oz.
2,000 - 2,499 gms. = 4 lbs. 7 oz.- 5 lbs. 8 oz.
2,500 - 2,999 gms. = 5 lbs. 9 oz.- 6 lbs. 9 oz.
3,000 - 3,499 gms. = 6 lbs. 10 oz.- 7 lbs. 11 oz.
3,500 - 3,999 gms. = 7 lbs. 12 oz.- 8 lbs. 13 oz.
4,000 - 4,499 gms. = 8 lbs. 14 oz.- 9 lbs. 14 oz.
4,500 - 4,999 gms. = 9 lbs. 15 oz.-11 lbs. 0 oz.
5,000+ = 11 lbs. 1 oz. or more

Section 3

FETAL DEATHS

A total of 371 fetal deaths of 20 weeks gestational age and older was reported to have occurred to Colorado residents in the state in 1986. This was lower than the 417 late-term fetal deaths reported for residents in 1985, and the 434 fetal deaths reported in 1984.

Unlike resident live birth and death records, records of fetal deaths are not routinely exchanged between states. Therefore, the figures above include only those events occurring in Colorado. In addition to these resident fetal deaths, 13 fetal deaths were reported to nonresidents, for a total of 384 fetal deaths actually occurring in the state in 1986.

Reporting of spontaneous fetal deaths of less than 20 weeks gestational age is considered to be incomplete. A total of 2,053 fetal deaths of less than 20 weeks gestation were reported as having occurred to Colorado residents in the state in 1986. As with the late-term fetal deaths, this figure was down from those for 1984 and 1985, when 2,501 and 2,337 fetal deaths were reported. There were 55 fetal deaths of less than 20 weeks gestation reported to nonresidents in the state, for a total of 2,108 reported occurrence events.

Table 19 presents reported Colorado occurrence fetal deaths of 20 weeks and greater gestation by age of mother and calculated weeks of gestation for 1986. Table 20 shows reported Colorado occurrence fetal deaths of all gestations by age of mother and race and Spanish origin of fetus.

Table 19. Reported Spontaneous Fetal Deaths (≥20 Weeks Gestation) by Age of Mother and Calculated Weeks Gestation: Colorado Occurrence, 1986

		Age of Mother (Years)							
	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
Total	384	0	39	85	129	96	30	4	1	0
1-19	5	0	1	0	2	2	0	0	0	0
20-27 Weeks	117	0	13	27	42	26	9	0	0	0
28-35 Weeks	86	0	11	16	30	22	6	1	0	0
36-39 Weeks	74	0	3	17	25	22	5	2	0	0
40 Weeks & Older	55	0	3	16	18	12	5	1	0	0
Not Stated	47	0	8	9	12	12	5	0	1	0

Table 20. Reported Spontaneous Fetal Deaths (<20 and ≥20 Weeks Gestation) by Age of Mother, Race, and Spanish Origin of Fetus: Colorado Occurrence, 1986

Race and Spanish Origin of Fetus	Total	Age of Mother (Years)								
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
<20 Weeks Gestation										
Total	2,108	3	176	463	640	522	219	61	4	20
White	1,787	3	138	394	541	449	188	50	4	20
Anglo White	1,638	1	116	343	505	425	181	44	4	19
Spanish Surname	149	2	22	51	36	24	7	6	0	1
Non-White	160	0	22	42	46	31	14	5	0	0
Black	126	0	22	38	34	22	7	3	0	0
American Indian	8	0	0	1	3	1	3	0	0	0
Other	26	0	0	3	9	8	4	2	0	0
Not Stated	161	0	16	27	53	42	17	6	0	0
Spanish Origin	104	1	19	34	24	15	7	4	0	0
Non-Spanish Origin	929	1	80	227	268	222	95	23	1	12
Origin Not Stated	1,075	1	77	202	348	285	117	34	3	8
≥20 Weeks Gestation										
Total	384	0	39	85	129	96	30	4	1	0
White	342	0	32	73	120	88	26	3	0	0
Anglo White	290	0	23	61	104	75	24	3	0	0
Spanish Surname	52	0	9	12	16	13	2	0	0	0
Non-White	35	0	6	12	8	5	2	1	1	0
Black	26	0	5	9	7	2	2	1	0	0
American Indian	3	0	1	1	1	0	0	0	0	0
Other	6	0	0	2	0	3	0	0	1	0
Not Stated	7	0	1	0	1	3	2	0	0	0
Spanish Origin	46	0	10	9	14	11	2	0	0	0
Non-Spanish Origin	282	0	25	64	97	71	20	4	1	0
Origin Not Stated	56	0	4	12	18	14	8	0	0	0

Section 4

INDUCED TERMINATIONS OF PREGNANCY

Reported induced terminations of pregnancy in Colorado declined to 14,144 events in 1986, the lowest number reported since 1977. In 1985, 15,553 induced terminations of pregnancy were reported, and in 1984 17,550 were reported. Colorado residents accounted for 13,304 reported induced terminations of pregnancy in 1986, or 94.1 percent of total. There is no routine interstate exchange of these data by place of residence, and only those events occurring in Colorado are included in this report.

Table 21 presents a summary of induced terminations of pregnancy in Colorado between 1982 and 1986. Information on age of patient, race, marital status, number of living children, procedure type, calculated weeks of gestation, previous procedures, and facility type is provided in this table.

In any analysis of these data, two considerations must be noted. While all products of conception are reportable by outcome in Colorado, the completeness of reporting is uncertain. Also, the completeness of reporting of individual items on the reporting forms varies.

The age distribution of women receiving induced terminations of pregnancy has changed little since 1980. In 1986, women aged 20 to 24 years accounted for 33.0 percent of procedures, followed by ages 15 to 19 with 25.1 percent and ages 25 to 29 with 12.1 percent.

A large majority of patients, 75.5 percent in 1986, reported that they were unmarried. The ratio of unmarried to married patients has changed little over time.

With 61.9 percent, the proportion of women reporting no living children far exceeded those with children in 1986. Patients reporting one child accounted for 18.9 percent of induced terminations of pregnancy, and 12.8 percent of patients reported two children.

Gestations calculated at 8 weeks or less represented 37.7 percent of induced terminations of pregnancy. An additional 49.1 percent of procedures were reported with calculated gestational ages of 9 to 12 weeks. The distribution of the balance of procedures was 7.7 percent for 13 to 15 weeks calculated gestation, 4.1 percent for 16 to 20 weeks, and 0.9 percent with calculated gestation of 21 weeks or longer. Calculations of gestation are based on reported date of last normal menses and therefore should be considered approximate.

Clinics reported 11,126 induced terminations of pregnancy, 78.7 percent of the total in 1986. Hospitals reported 1,040 procedures, 7.4 percent of the total. Doctors' offices reported the balance of 1,978 procedures, 14.0 percent. With these percentages comparable to those in 1985, the decrease in reported induced terminations of pregnancy between 1985 and 1986 can be seen to be evenly distributed among all facility types.

Table 21. Summary Characteristics of Induced Terminations of Pregnancy: Colorado Occurrence, 1982-1986

	1982		1983		1984		1985		1986	
	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Total	16,685	100.0	16,793	100.0	17,550	100.0	15,553	100.0	14,144	100.0
Colorado Resident	15,486	92.8	15,799	94.1	16,636	94.8	14,623	94.0	13,304	94.1
Non-Resident	1,189	7.1	981	5.8	907	5.2	924	5.9	838	5.9
Not Stated	10	0.1	13	0.1	7	0.0	6	0.0	2	0.0
Age										
<15	115	0.7	126	0.8	118	0.7	112	0.7	92	0.7
15-19	4,382	26.3	4,376	26.1	4,409	25.1	4,199	27.0	3,552	25.1
20-24	6,027	36.1	6,047	36.0	6,453	36.8	5,297	34.1	4,668	33.0
25-29	3,510	21.0	3,586	21.4	3,609	20.6	3,210	20.6	3,061	21.6
30-34	1,707	10.2	1,762	10.5	1,856	10.6	1,734	11.1	1,707	12.1
35-39	646	3.9	650	3.9	836	4.8	794	5.1	833	5.9
40-44	148	0.9	161	1.0	157	0.9	162	1.0	166	1.2
45+	19	0.1	11	0.1	18	0.1	16	0.1	5	0.0
Not Stated	131	0.8	74	0.4	94	0.5	29	0.2	60	0.4
Race										
White	10,622	63.7	10,826	64.5	11,039	62.9	9,445	60.7	8,386	59.3
Spanish Surname	1,279	7.7	1,315	7.8	1,591	9.1	1,233	7.9	1,017	7.2
Black	872	5.2	942	5.6	978	5.6	878	5.6	697	4.9
Other	418	2.5	388	2.3	417	2.4	445	2.9	435	3.1
Not Stated	4,773	28.6	4,637	27.6	5,116	29.2	4,785	30.8	4,626	32.7
Marital Status										
Married	3,440	20.6	3,339	19.9	3,836	21.9	3,398	21.8	3,106	22.0
Unmarried	12,531	75.1	12,706	75.7	12,986	74.0	12,038	77.4	10,675	75.5
Not Stated	714	4.3	748	4.5	728	4.2	117	0.8	363	2.6
Number of Children Now Living										
0	11,059	66.3	10,900	64.9	10,701	61.0	9,883	63.5	8,755	61.9
1	2,755	16.5	2,985	17.8	3,400	19.4	2,827	18.2	2,675	18.9
2	1,825	10.9	1,962	11.7	2,337	13.3	1,934	12.4	1,811	12.8
3	616	3.7	581	3.5	698	4.0	598	3.8	580	4.1
4+	266	1.6	271	1.6	342	1.9	256	1.6	249	1.8
Not Stated	164	1.0	94	0.6	72	0.4	55	0.4	74	0.5
Type of Procedure										
Suction Curettage	15,575	93.3	15,613	93.0	16,299	92.9	14,951	96.1	13,528	95.6
Sharp Curettage	63	0.4	50	0.3	43	0.2	42	0.3	28	0.2
Intra Saline Inst.	37	0.2	18	0.1	6	0.0	3	0.0	1	0.0
Intra Prosta Inst.	624	3.7	743	4.4	903	5.1	166	1.1	145	1.0
Hysterotomy/Hyster.	11	0.1	10	0.1	5	0.0	8	0.1	2	0.0
Other	365	2.2	350	2.1	275	1.6	375	2.4	428	3.0
Not Stated	10	0.1	9	0.1	19	0.1	8	0.1	12	0.1
Calculated Weeks of Gestation										
8 or less	5,936	35.6	6,350	37.8	6,674	38.0	5,868	37.7	5,339	37.7
9-10	5,710	34.2	5,687	33.9	5,540	31.6	5,159	33.2	4,694	33.2
11-12	2,605	15.6	2,549	15.2	2,818	16.1	2,496	16.0	2,243	15.9
13-15	1,104	6.6	1,147	6.8	1,260	7.2	1,158	7.4	1,092	7.7
16-20	1,013	6.1	857	5.1	1,031	5.9	663	4.3	577	4.1
21+	130	0.8	140	0.8	132	0.8	119	0.8	131	0.9
Not Stated	187	1.1	63	0.4	95	0.5	90	0.6	68	0.5
Previous Induced Terminations										
0	11,004	66.0	10,856	64.6	10,950	62.4	9,684	62.3	8,498	60.1
1	4,062	24.3	4,175	24.9	4,570	26.0	4,019	25.8	3,814	27.0
2	1,065	6.4	1,208	7.2	1,364	7.8	1,215	7.8	1,140	8.1
3+	381	2.3	412	2.5	505	2.9	509	3.3	544	3.8
Not Stated	173	1.0	142	0.8	161	0.9	126	0.8	148	1.0
Facility Type										
Clinic	11,655	69.9	11,748	70.0	11,881	67.7	12,190	78.4	11,126	78.7
Hospital	2,481	14.9	2,271	13.5	2,837	16.2	1,171	7.5	1,040	7.4
Doctor's Office	2,549	15.3	2,774	16.5	2,832	16.1	2,190	14.1	1,978	14.0

Section 5

INFANT DEATHS

Colorado's resident infant mortality rate was at its lowest point ever in 1986, decreasing to 8.6 infant deaths per 1,000 live births from 9.4 in 1985. This decrease contrasted with infant mortality in the state in 1983 and 1984, when the rate increased to 10.0 and 10.2. The provisional U.S. infant mortality rate was 10.4 in 1986.

There were 476 Colorado infant deaths in 1986, compared with 519 in 1985. A total of 537 infant deaths occurred in the state in 1986, of which 70 were to nonresidents.

Neonatal mortality, which includes deaths in the first twenty-eight days of life, also was at its lowest rate in Colorado in 1986. The neonatal mortality rate was 5.3 neonatal deaths per 1,000 live births. A total of 293 deaths were in this age group. This compares with neonatal rates of 5.5 in 1985 and 5.8 in 1984. The provisional U.S. neonatal mortality rate for 1985 was 7.0, the most current national data available. Postneonatal deaths totaled 183, for a rate of 3.3 postneonatal deaths per 1,000 live births. Figure 3 presents infant, neonatal, and postneonatal mortality rates for Colorado since 1940.

Table 22 shows infant deaths in 1986 by trimester in which prenatal care began and age of mother. Table 23 shows infant deaths and mortality rates by birthweight. Table 23 shows infant deaths and mortality rates by birth weight. Table 24 shows infant deaths by race, Spanish origin, and sex.

Finally, Table 23 details leading causes of infant death by age. Fewer deaths from the leading causes of perinatal period conditions, congenital anomalies, and sudden infant death syndrome contributed to the overall decrease in infant mortality in Colorado in 1986.

Figure 3. Infant, Neonatal, and Postneonatal Mortality Rates: Colorado Residents, 1940-1986.

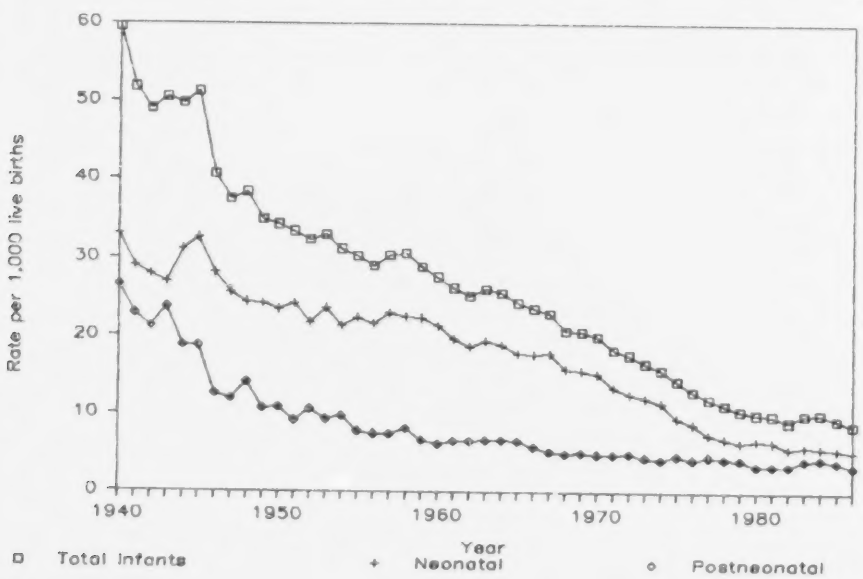


Table 22. Infant Deaths by Trimester in which Prenatal Care Began and Age of Mother at Birth: Colorado Occurrence, 1986

Trimester in which Prenatal Care Began	Total	Age of Mother (Years)							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
Total	537	0	71	182	145	87	42	5	0	5
First Trimester	364	0	29	118	113	68	34	2	0	0
Second Trimester	101	0	31	34	19	12	4	1	0	0
Third Trimester	22	0	4	11	3	3	0	1	0	0
No Care or Care Only at Delivery	19	0	3	7	8	1	0	0	0	0
Not Stated	31	0	4	12	2	3	4	1	0	5

Table 23. Infant Deaths and Mortality Rates by Birth Weight: Colorado Residents, 1986

Birth Weight (Grams)	Number	Rate
Total	476	8.6
<500	33	942.9
500-999	99	492.5
1,000-1,499	48	157.9
1,500-1,999	39	55.1
2,000-2,499	40	13.3
2,500-2,999	64	5.7
3,000-3,499	98	4.4
3,500-3,999	36	2.6
4,000-4,499	6	2.0
4,500-4,999	5	11.9
5,000+	1	31.3
Not Stated	7	-
Low Weight Births	259	60.9

Rates are per 1,000 live births. Low birth weight is less than 2,500 grams. Equivalents of gram weights in terms of pounds and ounces can be found on page 18.

Table 24. Infant Deaths by Race, Spanish Origin, and Sex: Colorado Residents, 1986

Race, Spanish Origin, and Sex of Infant	Infant Deaths		Neonatal Deaths		Death in First Week		Death in First Day	
	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Total	476	100.0	293	100.0	248	100.0	177	100.0
Male	276	58.0	178	60.8	146	58.9	100	56.5
Female	200	42.0	115	39.2	102	41.1	77	43.5
White	418	87.8	257	87.7	216	87.1	152	85.9
Anglo White	354	74.4	217	74.1	179	72.2	125	70.6
Spanish Surname	64	13.4	40	13.7	37	14.9	27	15.3
Non-White	58	12.2	36	12.3	32	12.9	25	14.1
Black	53	11.1	32	10.9	29	11.7	24	13.6
American Indian	1	0.2	1	0.3	0	0	0	0
Other	4	0.8	3	1.0	3	1.2	1	0.6
Non-Spanish Origin	422	88.7	256	87.4	213	85.9	151	85.3
Spanish Origin	54	11.3	37	12.6	35	14.1	26	14.7

Table 25. Leading Causes of Infant Deaths by Age: Colorado Residents, 1986

Cause of Death	Infant Deaths		Neonatal Deaths		Death in First Week		Death in First Day	
	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Total	476	100.0	293	100.0	248	100.0	177	100.0
Congenital Anomalies (740-759)	102	21.4	82	28.0	67	27.0	46	26.0
Conditions Originating in the Perinatal Period (760-779)	185	38.9	177	60.4	163	65.7	122	68.9
Hypoxia and Birth Asphyxia (768)	11	2.3	10	3.4	9	3.6	6	3.4
Hyaline Membrane and RDS (769)	29	6.1	29	9.9	26	10.5	11	6.2
Other Respiratory Conditions (770)	50	10.5	46	15.7	42	16.9	31	17.5
Birth Trauma (767)	3	0.6	2	0.7	1	0.4	0	0
Immaturity Unqualified (765)	33	6.9	31	10.6	31	12.5	30	16.9
Other Conditions	59	12.4	59	20.1	54	21.8	44	24.9
Sudden Infant Death (798.0)	85	17.9	9	3.1	3	1.2	2	1.1
Pneumonia (480-486)	6	1.3	4	1.4	0	0	0	0
Accidents (E800-E949)	13	2.7	2	0.7	2	0.8	1	0.6
All Other Causes	85	17.9	19	6.5	13	5.2	6	3.4

RDS: Respiratory distress syndrome.
Numbers listed after causes are pertinent codes from the International Classification of Diseases, Ninth Revision.

Section 6

MORTALITY

Colorado resident deaths totaled 20,768 in 1986, an increase of 534 from 1985, when 20,234 deaths were recorded. Of this total, 20,259 residents died in Colorado and 509 died out of state.

Colorado occurrence deaths, those actually occurring within the state, totaled 21,260 in 1986. Nonresident deaths accounted for 1,001 occurrence deaths.

Colorado's crude death rate remained at 6.3 deaths per 1,000 population in 1986, the same rate experienced in 1985. The state's death rate, consistently lower than that of the United States as a whole, has ranged between 6.2 and 6.5 since 1979. The provisional U.S. death rate was 8.7 in both 1985 and 1986.

The state's relatively young population is only partly responsible for lower death rates than those experienced in the nation as a whole. Age-adjusted death rates, which account for differences in age distribution in populations, are also lower in Colorado. Colorado's age-adjusted death rate for all causes of death was 474.8 per 100,000 population in 1986. By comparison, the provisional U.S. age-adjusted death rate for 1985 was 545.9.

Tables 26 and 27 show leading causes of death for Colorado and the nation in 1986. Numbers of deaths and crude rates appear in Table 26, and age-adjusted rates appear in Table 27. The rank order of the ten leading causes of death for Colorado residents was unchanged in 1986. Heart disease and malignant neoplasms, the top two causes, were responsible for over half (52.0 percent) of all deaths, followed by cerebrovascular disease, accidents, chronic obstructive pulmonary diseases (COPD), pneumonia and influenza, suicide, atherosclerosis, diabetes, and cirrhosis of the liver.

The rank order of causes of death by age-adjusted death rates differed somewhat from that for crude rates in 1986. With age adjustment, the ranking was heart disease, malignant neoplasms, accidents, COPD, suicide, pneumonia and influenza, cirrhosis of the liver, diabetes, homicide, and atherosclerosis. Age-adjusted rates for heart disease, malignant neoplasms, and cerebrovascular diseases especially have been lower over time in Colorado than in the nation. However, the state's age-adjusted rates for COPD and suicide have exceeded those for the nation.

Table 28 offers an expanded listing of deaths and rates for 1986. Colorado and U.S. data are provided for 72 causes of death.

Standard cause-of-death statistics are based on underlying causes of death, which are the conditions giving rise to the chain of events leading to death. While several causes of death may appear on a death certificate, only one can be assigned as the underlying cause. This practice tends to minimize the apparent impact of some chronic diseases. Table 29 shows the number of times certain nonredundant conditions were reported on death certificates and selected as underlying causes of death for Colorado residents in 1986. As this table shows, a disease such as diabetes may appear on death certificates

with much greater frequency than its selection as an underlying cause would suggest. In contrast, suicide in accordance with coding rules, was selected as the underlying cause nearly every time it was reported.

Table 30 provides information on the number of nonredundant cause of death that appeared on Colorado resident death certificates in 1986. Detailed by age group, this table shows that the number of causes of death reported increased with the age of the decedent.

Age-specific mortality rates for 1986 appear in Table 31. The death rate for ages 15 to 19 increased from 74.3 per 100,000 population in 1985 to 94.3 in 1986. Table 32 shows selected leading causes of death by age and sex. The greater impact of external causes of death (accident, suicide, homicide) among the young is evident. For example, over 80 percent of deaths to males aged 15 to 24 years were from external causes. The effect of chronic diseases on mortality increases with age, with heart disease responsible for 38.3 percent of deaths to persons aged 75 years and older, followed by malignant neoplasms with 15.0 percent. Figure 4 at the end of this section also presents these data.

As Table 33 shows, rates and rank order of leading causes of death have changed in several ways since 1940. Heart disease, accidents, perinatal period conditions, nephritis, and especially tuberculosis, have experienced declines in death rates over time. However, rates from malignant neoplasms and suicide have shown little change in the last fifty years.

Numbers of deaths from selected leading causes by age and sex in 1986 appear in Table 34. Table 35 shows deaths from leading causes by race and Spanish origin, and Table 36 shows deaths by race and age.

Since most deaths occur in the older age groups, mortality rates are dominated by the disease processes of the elderly. Use of years of potential life lost (YPLL) from leading causes of death provides one way to measure the relative impact of causes of death on premature mortality. See Table 37. YPLL are the sum of the number of potential life lost by each death occurring before age 65 years.

The greater impact of external causes on the young, already noted, is evident. Accidents were responsible for 33,887 YPLL (23.1 percent of total) to Colorado residents in 1986. In the United States in 1985, 18.9 percent of YPLL were from accidents. With 14.2 percent of YPLL in 1986, suicide and homicide also had greater impacts in Colorado than the nation. These causes of death were responsible for 10.5 percent of YPLL in the United States in 1985. YPLL were higher for malignant neoplasms and heart disease in the nation than in Colorado, however. As methods of calculating YPLL differ, care should be used in comparing YPLL for other populations and geographical areas.

In Table 38, violent deaths by age and sex are presented in specific description for Colorado residents in 1986. Table 39 shows reported cases and deaths from selected notifiable diseases in Colorado between 1940 and 1986. The increasing effect of Acquired Immunodeficiency Syndrome (AIDS) in the state can be seen. There were 152 reported cases of AIDS in 1986, and 87 deaths. It should be noted the AIDS mortality as shown in this report is based on deaths of persons whose diagnoses were reported in Colorado and are not based on residency as other mortality data are.

Table 26. Leading Causes of Death and Crude Death Rates: Colorado Residents and United States, 1986

Cause of Death	Colorado			United States	
	Rank	Number	Rate	Rank	Rate
All Causes		20,768	630.1		870.8
Heart Disease (390-398,402,404-429)	1	6,443	195.5	1	317.2
Malignant Neoplasms (140-208)	2	4,348	131.9	2	193.4
Cerebrovascular Disease (430-438)	3	1,307	39.7	3	61.2
Accidents (E800-E949)	4	1,248	37.9	4	39.1
Motor Vehicle	-	629	19.1	-	19.5
All Other	-	619	18.8	-	19.5
Chronic Obstructive Pulmonary Diseases (490-496)	5	1,141	34.6	5	31.3
Pneumonia and Influenza (480-487)	6	862	26.2	6	28.8
Suicide (E950-E959)	7	572	17.4	8	12.6
Atherosclerosis (440)	8	349	10.6	10	9.2
Diabetes (250)	9	347	10.5	7	15.1
Cirrhosis of the Liver (571)	10	308	9.3	9	10.9
Homicide (E960-E978)	11	237	7.2	12	8.7
Certain Conditions Originating in the Perinatal Period (760-779)	12	188	5.7	14	7.4
Septicemia (038)	13	184	5.6	13	7.7
Nephritis (580-589)	14	170	5.2	11	9.0
Congenital Anomalies (740-759)	15	147	4.5	15	5.0

Table 27. Age-Adjusted Death Rates for Selected Causes of Death, Colorado Residents and United States, 1985 and 1986

Cause of Death	Colorado		United States	
	1985	1986	1985	1986
All Causes	472.9	474.8	545.9	540.2
Heart Disease (390-398,402,404-429)	139.4	135.6	181.7	175.4
Malignant Neoplasms (140-208)	106.1	111.9	132.5	132.5
Cerebrovascular Disease (430-438)	24.2	24.8	32.3	30.4
Accidents (E800-E949)	35.4	34.5	34.3	35.5
Motor Vehicle (E810-E825)	18.5	18.6	18.3	19.8
All Other (E800-E807,E826-E949)	16.9	16.0	16.0	16.0
Chronic Obstructive Pulmonary Diseases (490-496)	27.2	26.9	18.6	18.5
Pneumonia and Influenza (480-487)	15.5	15.5	13.2	13.6
Suicide (E950-E959)	17.0	16.6	11.2	12.0
Cirrhosis of the Liver (571)	8.7	9.0	9.6	9.2
Atherosclerosis (440)	5.6	5.0	4.0	3.6
Diabetes (250)	7.5	8.1	10.1	9.4
Nephritis (580-589)	4.1	3.4	5.2	4.9
Homicide (E960-E978)	5.7	6.9	8.1	8.8
Septicemia (038)	3.6	3.9	4.1	4.3

Rates are per 100,000 population. Age-adjusted rates were computed using the direct method, applying the age-specific death rate to the standardized 1940 U.S. population. U.S. rates are provisional.

Table 28. Deaths and Death Rates for 72 Selected Causes: Colorado Residents and United States, 1986

Cause of Death	ICD9 Code	Colorado No.	Colorado Rate	U.S. Rate
All Causes		20,768	630.1	870.8
Shigellosis and Amebiasis	004,006	1	0.0	0.0
Certain Other Intestinal Infections	007-009	5	0.2	0.1
Tuberculosis	010-018	12	0.4	0.7
Tuberculosis of Respiratory System	010-012	10	0.3	0.5
Other Tuberculosis	013-018	2	0.1	0.1
Whooping Cough	033	1	0.0	-
Strep Sore Throat, Scarlatina, and Erysipelas	034-035	0	-	0.0
Meningococcal Infection	036	4	0.1	0.1
Septicemia	038	184	5.6	7.7
Acute Poliomyelitis	045	0	-	0.0
Measles	055	0	-	-
Viral Hepatitis	070	8	0.2	0.5
Syphilis	090-097	1	0.0	0.0
All Other Infectious and Parasitic Diseases	(001-139)	98	3.0	3.5
Malignant Neoplasms, All Sites	140-208	4,348	131.9	193.4
Of Lip, Oral Cavity, and Pharynx	140-149	60	1.8	3.6
Of Digestive Organs and Peritoneum	150-159	1,070	32.5	48.1
Of Respiratory and Intrathoracic Organs	160-165	1,097	33.3	53.0
Of Breast	174-175	434	13.2	17.1
Of Genital Organs	179-187	522	15.8	20.8
Of Urinary Organs	188-189	180	5.5	8.1
Other and Unspecified Sites	170-173,190-199	542	16.4	25.2
Leukemia	204-208	173	5.2	7.1
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	200-203	270	8.2	10.5
Benign Neoplasms, Carcinoma in Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	210-239	45	1.4	3.0
Diabetes Mellitus	250	347	10.5	15.1
Nutritional Deficiencies	260-269	46	1.4	1.1
Anemias	280-285	37	1.1	1.5
Meningitis	320-322	11	0.3	0.5
Major Cardiovascular Diseases	390-448	8,446	256.2	399.9
Diseases of Heart	390-398,402,404-429	6,443	195.5	317.2
Rheumatic Fever and Rheumatic Heart Disease	390-398	101	3.1	2.7
Hypertensive Heart Disease	402	122	3.7	8.2
Hypertensive Heart and Renal Disease	404	24	0.7	1.0
Ischemic Heart Disease	410-414	4,647	141.0	216.3
Acute Myocardial Infarction	410	2,308	70.0	108.2
Other Acute and Subacute Forms of Ischemic Heart Disease	411	47	1.4	1.5
Angina Pectoris	413	12	0.4	0.3
Old Mycardial Infarction and Other Forms of Chronic Ischemic Heart Disease	412,414	2,280	69.2	106.3
Other Diseases of Endocardium	424	113	3.4	4.4
All Other Heart Disease	415-423,425-429	1,436	43.6	84.6
Hypertension with or without Renal Disease	401,403	99	3.0	3.1
Cerebrovascular Diseases	430-438	1,307	39.7	61.2
Intracerebral, Other Intracranial Hemmorhage	431-432	184	5.6	8.3
Cerebral Thrombosis, Unspecified Occlusion Cerebral Arteries	434.0-434.9	144	4.4	9.5

Table 28. (Continued)

Cause of Death	ICD9 Code	Colorado No.	Colorado Rate	U.S. Rate
Cerebral Embolism	434.1	7	0.2	0.3
All Other and Late Effects of Cerebrovascular Diseases	430,433,435-438	979	29.7	43.1
Atherosclerosis	440	349	10.6	9.2
Other Diseases of Arteries, Arterioles, and Capillaries	441-448	248	7.5	9.2
Acute Bronchitis and Bronchiolitis	466	6	0.2	0.2
Pneumonia and Influenza	480-487	862	26.2	28.8
Pneumonia	480-486	832	25.2	28.0
Influenza	487	30	0.9	0.8
Chronic Obstructive Pulmonary Diseases	490-496	1,141	34.6	31.3
Bronchitis, Chronic and Unspecified	490-491	50	1.5	1.5
Emphysema	492	206	6.2	6.0
Asthma	493	72	2.2	1.5
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	494-496	813	24.7	22.3
Ulcer of Stomach and Duodenum	531-533	105	3.2	2.5
Appendicitis	540-543	6	0.2	0.2
Hernia of Abdominal Cavity and Intestinal Obstruction without Mention of Hernia	550-553,560	69	2.1	2.2
Chronic Liver Disease and Cirrhosis	571	308	9.3	10.9
Cholelithiasis and Other Disorders of Gallbladder	574-575	33	1.0	1.2
Nephritis, Nephrotic Syndrome, and Nephrosis	580-589	170	5.2	9.0
Acute Glomerulonephritis and Nephrotic Syndrome	580-581	5	0.2	0.1
Other Specified Renal Disease	582-583,587	22	0.7	0.6
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	584-586,588-589	143	4.3	8.3
Infections of Kidney	590	24	0.7	0.8
Hyperplasia of Prostate	600	6	0.2	0.2
Complicatons of Pregnancy, Childbirth, and the Puerperium	630-676	1	0.0	0.1
Pregnancy with Abortive Outcome	630-638	0	-	0.0
Other Complications of Pregnancy	640-676	1	0.0	0.1
Congenital Anomalies	740-759	147	4.5	5.0
Certain Conditions Originating in the Perinatal Period	760-779	188	5.7	7.4
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	767-769	44	1.3	2.0
Other Perinatal Conditions	760-766,770-779	144	4.4	5.5
Symptoms, Signs, and Ill-Defined Conditions	780-799	189	5.7	18.1
All Other Diseases	Residual	1,801	54.6	64.4
Accidents and Adverse Effects	E800-E949	1,248	37.9	39.1
Motor Vehicle Accidents	E810-E825	629	19.1	19.5
All Other Accidents and Adverse Effects	E800-E807,E826-E949	619	18.8	19.5
Suicide	E950-E959	572	17.4	12.6
Homicide and Legal Intervention	E960-E978	237	7.2	8.7
All Other External Causes	E980-E999	61	1.9	1.1

Rates are per 100,000 population. Rates based on few actual cases must be viewed with caution. U.S. rates are provisional.

Table 29. Selected Leading Causes of Death: Underlying Cause by Total Mentions: Colorado Residents, 1986

Underlying Cause	Total	Number of Deaths in which Mentioned										
		Heart Dis.	Malig. Neopl.	Cerebro-vasc. Dis.	Acc.	COPD	Pneu. and Infl.	Suicide	Athero-sclero.	Diabetes	Cirr Liver	All Other
Heart Dis.	6,443	6,443	247	457	214	503	260	1	484	489	27	2,787
Malignant Neoplasms	4,348	912	4,348	97	95	203	321	0	35	86	20	2,168
Cerebro-vascular Disease	1,307	424	45	1,307	48	40	137	0	220	76	3	735
Accidents	1,248	219	16	18	1,248	15	15	1	11	16	11	1,285
COPD	1,141	485	64	27	35	1,141	205	0	17	23	5	847
Pneu & Inf	862	315	57	77	21	73	862	0	34	33	11	653
Suicide	572	72	6	0	0	5	1	572	1	1	2	573
Athero-sclerosis	349	153	9	0	11	9	25	0	349	18	1	180
Diabetes	347	230	8	47	7	12	22	0	34	347	2	264
Cirr Liv	308	61	5	4	5	9	17	0	0	10	307	305
All Other	3,843	1,274	183	140	295	171	315	0	119	129	50	4,859
Total	20,768	10,588	4,988	2,174	1,979	2,181	2,180	574	1,304	1,228	439	14,656

Table 30. Total Numbers of Causes of Death by Age: Colorado Residents, 1986

Number of Causes	Total	Age Group											
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	20,768	476	100	54	57	242	331	743	844	1,136	2,677	4,362	5,287	4,459
1	6,274	365	17	7	6	16	25	139	233	425	997	1,416	1,457	1,171
2	8,947	102	62	39	43	196	270	497	476	505	1,077	1,674	2,125	1,881
3	4,282	9	20	7	7	30	33	93	117	168	470	948	1,274	1,106
4	1,074	0	1	1	1	0	2	12	15	29	108	268	371	266
5+	191	0	0	0	0	0	1	2	3	9	25	56	60	35

Table 31. Age-Specific Death Rates: Colorado Residents, 1986

Age Group	Population	Deaths	Rate
Total	3,296,032	20,768	630.1
<1	58,435	476	814.6
1-4	212,560	100	47.0
5-9	242,159	54	22.3
10-14	229,067	57	24.9
15-19	256,594	242	94.3
20-24	296,593	331	111.6
25-34	649,048	743	114.5
35-44	501,403	844	168.3
45-54	303,428	1,136	374.4
55-64	252,264	2,677	1,061.2
65-74	175,828	4,362	2,480.8
75-84	90,609	5,287	5,835.0
85+	28,044	4,459	15,900.0

Rates are per 100,000 persons in each age group.

Table 32. Selected Leading Causes of Death by Sex for Selected Age Groups: Colorado Residents, 1986

Age Group	Cause of Death	Total			Male			Female		
		Rank	Number	Percent	Rank	Number	Percent	Rank	Number	Percent
All Ages	Total		20,768	100.0		10,815	100.0		9,953	100.0
	Heart Disease	1	6,443	31.0	1	3,344	30.9	1	3,099	31.1
	Malignant Neoplasms	2	4,348	20.9	2	2,205	20.4	2	2,143	21.5
	Cerebrovascular Disease	3	1,307	6.3	4	471	4.4	3	836	8.4
	Accidents	4	1,248	6.0	3	843	7.8	4	405	4.1
	All Other		7,422	35.7		3,952	36.5		3,470	34.9
1-14	Total		211	100.0		137	100.0		74	100.0
	Accidents	1	93	44.1	1	65	47.4	1	28	37.8
	Malignant Neoplasms	2	24	11.4	4	12	8.8	2	12	16.2
	Congenital Anomalies	3	14	6.6	2	10	7.3	3	4	5.4
	Homicide	4	7	3.3	3	6	4.4	4	1	1.4
	All Other		73	34.6		44	32.1		29	39.2
15-24	Total		573	100.0		434	100.0		139	100.0
	Accidents	1	310	54.1	1	235	54.1	1	75	54.0
	Suicide	2	99	17.3	2	82	18.9	2	17	12.2
	Homicide	3	49	8.6	3	37	8.5	4	12	8.6
	Malignant Neoplasms	4	27	4.7	4	22	5.1	3	5	3.6
	All Other		88	15.4		58	13.4		30	21.6
25-44	Total		1,587	100.0		1,090	100.0		497	100.0
	Accidents	1	380	23.9	1	286	26.2	2	94	18.9
	Malignant Neoplasms	3	254	16.0	4	116	10.6	1	138	27.8
	Suicide	2	244	15.4	2	191	17.5	3	53	10.7
	Heart Disease	4	175	11.0	3	131	12.0	4	44	8.9
	All Other		534	33.6		366	33.6		168	33.8
45-64	Total		3,813	100.0		2,302	100.0		1,511	100.0
	Malignant Neoplasms	1	1,311	34.4	2	634	27.5	1	677	44.8
	Heart Disease	2	1,091	28.6	1	807	35.1	2	284	18.8
	Accidents	3	151	4.0	3	108	4.7	3	43	2.8
	Cirrhosis of the Liver	4	146	3.8	4	94	4.1	4	52	3.4
	All Other		1,114	29.2		659	28.6		455	30.1
65-74	Total		4,362	100.0		2,523	100.0		1,839	100.0
	Heart Disease	1	1,387	31.8	1	888	35.2	1	499	27.1
	Malignant Neoplasms	2	1,271	29.1	2	686	27.2	2	585	31.8
	Cerebrovascular Disease	3	243	5.6	3	109	4.3	3	134	7.3
	Pneumonia & Influenza	4	122	2.8	4	62	2.5	4	60	3.3
	All Other		1,339	30.7		778	30.8		561	30.5
75+	Total		9,746	100.0		4,053	100.0		5,693	100.0
	Heart Disease	1	3,735	38.3	1	1,485	36.6	1	2,250	39.5
	Malignant Neoplasms	2	1,460	15.0	2	735	18.1	2	725	12.7
	Cerebrovascular Disease	3	887	9.1	3	274	6.8	3	613	10.8
	Pneumonia and Influenza	4	627	6.4	4	252	6.2	4	375	6.6
	All Other		3,037	31.2		1,307	32.2		1,730	30.4

Table 33. Deaths and Rates for Selected Causes: Colorado Residents, Selected Years, 1940-1986

Cause of Death		Rank Order of Top Ten Causes by Selected Years				
		1986	1985	1984	1983	1982
Total	No.	20,768	20,234	20,356	19,531	19,638
	Rate	630.1	626.2	640.5	622.2	644.9
Heart Disease	No.	(1) 6,443	(1) 6,416	(1) 6,603	(1) 6,426	(1) 6,618
	Rate	195.5	198.6	207.8	204.7	217.3
Malignant Neoplasms	No.	(2) 4,348	(2) 4,031	(2) 4,181	(2) 3,920	(2) 3,853
	Rate	131.9	124.8	131.6	124.9	126.5
Cerebrovascular Disease	No.	(3) 1,307	(3) 1,297	(3) 1,275	(4) 1,250	(4) 1,331
	Rate	39.7	40.1	40.1	39.8	43.7
Accidents	No.	(4) 1,248	(4) 1,276	(4) 1,257	(3) 1,284	(3) 1,346
	Rate	37.9	39.5	39.6	40.9	44.2
Influenza and Pneumonia	No.	(5) 862	(5) 867	(5) 786	(5) 743	(5) 703
	Rate	26.2	26.8	24.7	23.7	23.1
Suicide	No.	(6) 572	(6) 580	(6) 528	(6) 577	(6) 506
	Rate	17.4	18.0	16.6	18.4	16.6
Atherosclerosis	No.	(7) 349	(7) 352	(7) 317	(7) 317	(7) 351
	Rate	10.6	10.9	10.0	10.1	11.5
Diabetes	No.	(8) 347	(8) 335	(9) 301	(8) 306	(8) 296
	Rate	10.5	10.4	9.5	9.7	9.7
Cirrhosis of the Liver	No.	(9) 308	(9) 280	(8) 302	(9) 291	(9) 294
	Rate	9.3	8.7	9.5	9.3	9.7
Other Circulatory Diseases	No.	(10) 248	(10) 232	(10) 221	207	(10) 245
	Rate	7.5	7.2	7.0	6.6	8.0
Homicide	No.	237	190	192	189	201
	Rate	7.2	5.9	6.0	6.0	6.6
Emphysema	No.	206	192	182	196	194
	Rate	6.2	5.9	5.7	6.2	6.4
Perinatal Period Conditions	No.	188	198	212	(10) 234	212
	Rate	5.7	6.1	6.7	7.5	7.0
Nephritis and Nephrosis	No.	170	193	197	167	181
	Rate	5.2	6.0	6.2	5.3	5.9
Congenital Anomalies	No.	147	168	184	169	176
	Rate	4.5	5.2	5.8	5.4	5.8
Tuberculosis	No.	12	12	5	7	11
	Rate	0.4	0.4	0.2	0.2	0.4
Other Causes	No.	3,776	3,615	3,613	3,248	3,120

Table 33. (Continued)

Cause of Death		Rank Order of Top Ten Causes of Selected Years				
		1980	1970	1960	1950	1940
Total	No.	18,927	17,439	15,351	12,222	12,181
	Rate	654.9	790.1	875.2	922.4	1,084.4
Heart Disease	No.	(1) 6,411	(1) 6,059	(1) 5,278	(1) 4,186	(1) 2,933
	Rate	221.8	274.5	300.9	315.9	261.1
Malignant Neoplasms	No.	(2) 3,633	(2) 2,683	(2) 2,209	(2) 1,700	(2) 1,304
	Rate	125.7	121.6	126.9	128.3	116.1
Cerebrovascular Diseases	No.	(3) 1,386	(3) 1,769	(3) 1,601	(3) 1,156	(5) 977
	Rate	48.0	80.1	91.3	87.2	87.0
Accidents	No.	(4) 1,383	(4) 1,280	(4) 1,077	(4) 936	(3) 1,017
	Rate	47.9	60.0	61.4	70.7	90.5
Influenza and Pneumonia	No.	(5) 651	(5) 727	(5) 860	(6) 638	(4) 1,005
	Rate	22.5	32.9	49.0	48.1	89.5
Suicide	No.	(6) 468	(7) 402	(8) 230	(9) 201	(10) 220
	Rate	16.2	18.2	13.1	15.1	19.6
Atherosclerosis	No.	(8) 334	(8) 373	(7) 398	(7) 254	(9) 261
	Rate	11.6	16.9	22.7	19.2	23.2
Diabetes	No.	(9) 276	279	184	145	201
	Rate.	9.6	12.6	10.5	10.9	17.9
Cirrhosis of the Liver	No.	(7) 284	(10) 313	170	111	78
	Rate	9.8	14.2	9.7	8.4	6.9
Other Circulatory Diseases	No.	214	298	(10) 219	91	64
	Rate	7.4	13.5	12.5	6.9	5.7
Homicide	No.	197	147	69	44	52
	Rate	6.8	6.7	3.9	3.3	4.6
Emphysema	No.	178	(9) 372	193	12	4
	Rate	6.2	16.9	11.0	0.9	0.4
Perinatal Period Conditions	No.	(10) 229	(6) 461	(6) 802	(5) 682	(7) 577
	Rate	7.9	20.9	45.7	51.5	51.4
Nephritis and Nephrosis	No.	129	67	112	(10) 190	(6) 788
	Rate	4.5	3.0	6.4	14.3	70.2
Congenital Anomalies	No.	170	215	(9) 227	176	127
	Rate	5.9	9.7	12.9	13.3	11.3
Tuberculosis	No.	13	34	76	(8) 208	(8) 457
	Rate	0.4	1.5	4.3	15.7	40.7
Other Causes	No.	2,971	1,960	1,646	1,492	2,116

Rates are per 100,000 population. ICD codes (Fifth through Ninth Revisions) included in each cause of death are listed in Appendix B.

Table 34. Deaths from Selected Leading Causes by Age and Sex: Colorado Residents, 1986

Cause of Death	Sex	Total	Age Group (Years) <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	T	20,768	476	100	54	57	242	331	743	844	1,136	2,677	4,362	5,287	4,459
	M	10,815	276	61	32	44	176	258	552	538	683	1,619	2,523	2,582	1,471
	F	9,953	200	39	22	13	66	73	191	306	453	1,058	1,839	2,705	2,988
Heart Disease	T	6,443	31	7	5	3	3	6	47	128	284	807	1,387	1,892	1,843
	M	3,344	18	4	3	2	2	4	37	94	218	589	888	925	560
	F	3,099	13	3	2	1	1	2	10	34	66	218	499	967	1,283
Malignant Neoplasms	T	4,348	1	11	6	7	7	20	85	169	373	938	1,271	1,037	423
	M	2,205	0	4	2	6	6	16	52	64	160	474	686	558	177
	F	2,143	1	7	4	1	1	4	33	105	213	464	585	479	246
Cerebro-vascular Disease	T	1,307	2	1	1	0	0	3	10	22	37	101	243	394	493
	M	471	1	1	1	0	0	3	7	10	18	47	109	158	116
	F	836	1	0	0	0	0	0	3	12	19	54	134	236	377
Accidents	T	1,248	13	37	25	31	141	169	227	153	70	81	88	120	93
	M	843	8	23	18	24	100	135	173	113	51	57	51	57	33
	F	405	5	14	7	7	41	34	54	40	19	24	37	63	60
Pneumonia and Influenza	T	862	6	2	2	0	2	3	8	16	19	55	122	253	374
	M	385	5	1	2	0	0	1	5	14	12	31	62	108	144
	F	477	1	1	0	0	2	2	3	2	7	24	60	145	230
Suicide	T	572	0	0	0	4	47	52	126	118	67	54	64	31	9
	M	443	0	0	0	4	39	43	105	86	47	35	47	29	8
	F	129	0	0	0	0	8	9	21	32	20	19	17	2	1
Athero-sclerosis	T	349	0	0	0	0	0	0	0	0	0	12	25	95	217
	M	102	0	0	0	0	0	0	0	0	0	7	12	31	52
	F	247	0	0	0	0	0	0	0	0	0	5	13	64	165
Diabetes	T	347	0	0	1	0	0	1	14	14	27	43	86	97	64
	M	142	0	0	1	0	0	0	7	5	18	23	36	27	25
	F	205	0	0	0	0	0	1	7	9	9	20	50	70	39
Cirrhosis of the Liver	T	308	0	0	0	0	0	0	17	40	50	96	62	33	10
	M	197	0	0	0	0	0	0	16	28	36	58	35	17	7
	F	111	0	0	0	0	0	0	1	12	14	38	27	16	3
Homicide	T	237	5	3	1	3	13	36	75	46	23	18	10	2	2
	M	181	2	3	0	3	8	29	60	33	19	14	7	2	1
	F	56	3	0	1	0	5	7	15	13	4	4	3	0	1
All Other	T	2,108	113	16	6	6	18	25	79	82	109	196	348	576	534
	M	947	63	10	2	3	14	15	54	49	59	113	176	237	152
	F	1,161	50	6	4	3	4	10	25	33	50	83	172	339	382

Mean age at death: Total = 68.0 Years Males = 63.8 Females = 72.5
Median age at death: Total = 73.7 Years Males = 69.9 Females = 77.9

Table 35. Deaths from Selected Leading Causes by Race and Spanish Origin: Colorado Residents, 1986

Cause of Death	Total	White			Non-White				Non-Spanish Origin	Spanish Origin
		Total	Anglo White	Spanish Surname	Total	Black	Indian	Other & Unk		
Total	20,768	19,900	18,304	1,596	868	693	59	116	19,285	1,483
Heart Disease	6,443	6,214	5,804	410	229	188	15	26	6,069	374
Malignant Neoplasms	4,348	4,169	3,898	271	179	138	5	36	4,101	247
Cardiovascular Disease	1,307	1,259	1,164	95	48	41	0	7	1,217	90
Accidents	1,248	1,173	1,018	155	75	49	16	10	1,100	148
COPD	1,141	1,115	1,067	48	26	22	2	2	1,103	38
Pneumonia & Influenza	862	834	774	60	28	22	1	5	803	59
Suicide	572	555	502	53	17	10	2	5	523	49
Atherosclerosis	349	343	331	12	6	4	1	1	336	13
Diabetes	347	330	287	43	17	13	3	1	307	40
Cirrhosis of the Liver	308	293	216	77	15	9	4	2	225	83
Homicide	237	198	145	53	39	36	1	2	181	56
Certain Conditions Originating in Perinatal Period	188	158	131	27	30	28	0	2	164	24
Nephritis and Nephrosis	170	163	145	18	7	7	0	0	156	14
Congenital Anomalies	147	142	125	17	5	3	1	1	131	16
All Other	3,101	2,954	2,697	257	147	123	8	16	2,869	232

COPD = Chronic obstructive pulmonary diseases, including asthma, chronic bronchitis, and emphysema.

Table 36. Deaths by Race, Spanish Origin, Age, and Sex: Colorado Residents, 1986

Race and Spanish Origin	Sex	Total	Age Group (Years)												
			<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	T	20,768	476	100	54	57	242	331	743	844	1,136	2,677	4,362	5,287	4,459
	M	10,815	276	61	32	44	176	258	552	538	683	1,619	2,523	2,582	1,471
	F	9,953	200	39	22	13	66	73	191	306	453	1,058	1,839	2,705	2,988
White	T	19,900	418	92	48	53	236	296	662	777	1,058	2,536	4,205	5,149	4,370
	M	10,307	243	56	29	40	172	232	490	497	633	1,528	2,431	2,513	1,443
	F	9,593	175	36	19	13	64	64	172	280	425	1,008	1,774	2,636	2,927
Anglo White	T	18,304	354	74	41	43	203	242	559	673	936	2,301	3,907	4,833	4,138
	M	9,338	205	45	25	32	148	188	422	423	550	1,380	2,251	2,345	1,324
	F	8,966	149	29	16	11	55	54	137	250	386	921	1,656	2,488	2,814
Spanish Surname	T	1,596	64	18	7	10	33	54	103	104	122	235	298	316	232
	M	969	38	11	4	8	24	44	68	74	83	148	180	168	119
	F	627	26	7	3	2	9	10	35	30	39	87	118	148	113
Black	T	693	53	6	4	3	4	26	68	50	53	114	124	120	68
	M	417	29	4	2	3	3	19	53	33	37	79	74	60	21
	F	276	24	2	2	0	1	7	15	17	16	35	50	60	47
Native American	T	59	1	0	1	0	2	4	6	9	9	11	8	3	5
	M	32	1	0	0	0	1	3	5	4	7	6	3	0	2
	F	27	0	0	1	0	1	1	1	5	2	5	5	3	3
Other and Unknown	T	116	4	2	1	1	0	5	7	8	16	16	25	15	16
	M	59	3	1	1	1	0	4	4	4	6	6	15	9	5
	F	57	1	1	0	0	0	1	3	4	10	10	10	6	11
Non-Spanish Origin	T	19,285	422	83	48	48	211	281	644	747	1,022	2,453	4,090	4,996	4,240
	M	9,907	240	52	29	37	151	215	485	468	603	1,480	2,358	2,425	1,364
	F	9,378	182	31	19	11	60	66	159	279	419	973	1,732	2,571	2,876
Spanish Origin	T	1,483	54	17	6	9	31	50	99	97	114	224	272	291	219
	M	908	36	9	3	7	25	43	67	70	80	139	165	157	107
	F	575	18	8	3	2	6	7	32	27	34	85	107	134	112

Table 37. Years of Potential Life Lost (YPLL) Before Age 65 by Cause of Death, Colorado Residents, 1986, and United States, 1985

Cause of Death (Ninth Revision ICD)	Colorado, 1986 YPLL	Colorado, 1986 Percent	United States, 1985 Percent
All Causes	146,793	100.0	100.0
Accidents (E800-E949)	33,887	23.1	18.9
Motor Vehicle (E810-E825)	21,421	14.6	-
Other (E800-E807, E826-E949)	12,466	8.5	-
Suicide and Homicide (E950-E978)	20,823	14.2	10.5
Malignant Neoplasms (140-208)	19,785	13.5	15.3
Heart Disease (390-398, 402, 404-489)	16,211	11.0	13.5
Conditions Originating in the Perinatal Period (760-779)	12,214	8.3	-
Congenital Anomalies (740-759)	7,992	5.4	5.9
Chronic Liver Disease and Cirrhosis (571)	2,911	2.0	2.0
Cerebrovascular Disease (430-438)	2,270	1.5	2.1
Pneumonia and Influenza (480-487)	2,118	1.4	1.4
Chronic Obstructive Pulmonary Diseases (490-496)	1,715	1.2	1.1
Diabetes Mellitus (250)	1,593	1.1	1.1
Other	25,274	17.2	28.2

Source for U.S. Data: Centers for Disease Control, Morbidity and Mortality Weekly Report February 6, 1987, 36, 4. For details of calculation, see MMWR December 19, 1986, 35, 2, Supplement.

Table 38. Violent Deaths by Age and Sex: Colorado Residents, 1986

Cause of Death	Sex	Total	Age Group (Years)												
			<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	T	1,248	13	37	25	31	141	169	227	153	70	81	88	120	93
Accidents	M	843	8	23	18	24	100	135	173	113	51	57	51	57	33
(E800-E949)	F	405	5	14	7	7	41	34	54	40	19	24	37	63	60
Motor Vehicle	T	629	2	18	13	15	112	128	142	79	28	23	32	29	8
(E810-E825)	M	441	0	9	10	12	75	99	106	53	20	15	18	19	5
	F	188	2	9	3	3	37	29	36	26	8	8	14	10	3
Accidental	T	166	2	2	0	2	3	5	10	7	4	12	10	46	63
Falls	M	76	2	0	0	2	3	5	10	6	1	8	4	17	18
(E880-E888)	F	90	0	2	0	0	0	0	0	1	3	4	6	29	45
Drowning	T	48	0	7	4	3	5	7	5	7	3	6	1	0	0
(E910)	M	39	0	7	2	3	5	6	3	6	3	4	0	0	0
	F	9	0	0	2	0	0	1	2	1	0	2	1	0	0
Fire & Explo-	T	40	0	3	2	0	2	1	8	6	3	5	5	5	0
sion of Com-	M	25	0	1	0	0	0	1	7	3	2	4	4	3	0
bustible Mat. (E890-E899, E923,E924)	F	15	0	2	2	0	2	0	1	3	1	1	1	2	0
Acc. Poison.	T	84	0	0	0	0	2	4	31	24	8	6	4	4	1
by Solids or	M	60	0	0	0	0	2	2	23	21	4	5	1	2	0
Liquids (E850-E866)	F	24	0	0	0	0	0	2	8	3	4	1	3	2	1
Aircraft	T	31	0	0	0	0	3	3	6	9	4	5	1	0	0
Accidents	M	28	0	0	0	0	2	3	5	8	4	5	1	0	0
(E840-E845)	F	3	0	0	0	0	1	0	1	1	0	0	0	0	0
Acc. Poison.	T	13	0	0	0	0	1	1	1	3	3	1	1	2	0
by Gases &	M	10	0	0	0	0	0	1	1	2	3	1	0	2	0
Vapours (E867-E869)	F	3	0	0	0	0	1	0	0	1	0	0	1	0	0
Firearms	T	19	0	0	2	5	2	6	1	2	0	1	0	0	0
(E922)	M	17	0	0	2	4	2	6	1	2	0	0	0	0	0
	F	2	0	0	0	1	0	0	0	0	0	1	0	0	0
Electric	T	10	0	0	0	0	1	2	5	0	2	0	0	0	0
Current	M	10	0	0	0	0	1	2	5	0	2	0	0	0	0
(E925)	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water	T	10	0	0	0	1	3	0	1	2	0	1	2	0	0
Transport	M	9	0	0	0	0	3	0	1	2	0	1	2	0	0
Accidents (E830-E838)	F	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Railway	T	5	0	0	0	0	1	0	2	1	1	0	0	0	0
Accidents	M	5	0	0	0	0	1	0	2	1	1	0	0	0	0
(E800-E807)	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 38. (Continued)

Cause of Death	Sex	Total	Age Group (Years) <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Other Road	T	9	0	0	1	2	1	0	2	2	0	1	0	0	0
Vehicle	M	4	0	0	1	0	1	0	0	1	0	1	0	0	0
Accidents	F	5	0	0	0	2	0	0	2	1	0	0	0	0	0
(E826-E829)															
All Other	T	184	9	7	3	3	5	12	13	11	14	20	32	34	21
Accidents	M	119	6	6	3	3	5	10	9	8	11	13	21	14	10
	F	65	3	1	0	0	0	2	4	3	3	7	11	20	11
Suicide	T	572	0	0	0	4	47	52	126	118	67	54	64	31	9
(E950-E959)	M	443	0	0	0	4	39	43	105	86	47	35	47	29	8
	F	129	0	0	0	0	8	9	21	32	20	19	17	2	1
Suicide by	T	168	0	0	0	0	12	12	40	45	27	17	12	3	0
Poisoning	M	107	0	0	0	0	10	10	34	29	11	7	4	2	0
(E950-E952)	F	61	0	0	0	0	2	2	6	16	16	10	8	1	0
Suicide by	T	325	0	0	0	2	23	33	61	62	32	33	47	24	8
Firearms &	M	273	0	0	0	2	20	26	51	48	29	26	40	23	8
Explos.(E955)	F	52	0	0	0	0	3	7	10	14	3	7	7	1	0
All Other	T	79	0	0	0	2	12	7	25	11	8	4	5	4	1
Suicides	M	63	0	0	0	2	9	7	20	9	7	2	3	4	0
(E953,E954,	F	16	0	0	0	0	3	0	5	2	1	2	2	0	1
F956-E959)															
Homicide &	T	237	5	3	1	3	13	36	75	46	23	18	10	2	2
Legal Interv.	M	181	2	3	0	3	8	29	60	33	19	14	7	2	1
(E960-E978)	F	56	3	0	1	0	5	7	15	13	4	4	3	0	1
Homicide by	T	142	0	0	1	3	8	25	41	35	13	11	4	1	0
Firearms &	M	112	0	0	0	3	6	22	36	25	9	8	2	1	0
Explos.(F965)	F	30	0	0	1	0	2	3	5	10	4	3	2	0	0
All Other	T	95	5	3	0	0	5	11	34	11	10	7	6	1	2
Homicide &	M	69	2	3	0	0	2	7	24	8	10	6	5	1	1
Legal Interv.	F	26	3	0	0	0	3	4	10	3	0	1	1	0	1
(E960-E964,E966-E978)															
Undeterm. as	T	61	1	0	0	0	8	4	17	18	4	5	3	1	0
to Acc. or	M	41	0	0	0	0	5	4	10	12	3	3	3	1	0
Purposely	F	20	1	0	0	0	3	0	7	6	1	2	0	0	0
Inflicted (E980-E989)															
Undeterm.	T	18	0	0	0	0	5	1	7	2	1	2	0	0	0
Intent Fire-	M	14	0	0	0	0	4	1	4	2	1	2	0	0	0
arms & Explo.	F	4	0	0	0	0	1	0	3	0	0	0	0	0	0
(F985)															
Undeterm.	T	43	1	0	0	0	3	3	10	16	3	3	3	1	0
Intent All	M	27	0	0	0	0	1	3	6	10	2	1	3	1	0
Other (E980-	F	16	1	0	0	0	2	0	4	6	1	2	0	0	0
E984,E986-E989)															

Numbers listed in parentheses are pertinent codes from International Classification of Diseases, Ninth Revision.

Table 39. Reported Cases and Resident Deaths from Selected Notifiable Diseases: Colorado, Selected Years, 1940-1986

Causes		Years						
		1986	1985	1984	1983	1982	1981	1980
AIDS[1]	Cases	152	89	39	26	5	0	0
	Deaths	87	73	35	9	3	0	0
Botulism	Cases	0	0	1	2	2	2	2
	Deaths	0	0	0	2	1	0	0
Colorado Tick Fever	Cases	67	65	77	116	176	159	139
	Deaths	0	0	0	0	0	0	0
Diphtheria	Cases	0	1	0	0	0	0	0
	Deaths	0	0	0	0	0	0	0
Encephalitis	Cases	5	25	14	49	21	16	15
	Deaths	6	2	4	6	3	0	3
Gonorrhea & Other Venereal Disease	Cases	7,264	8,805	8,748	8,616	9,375	11,302	11,477
	Deaths	0	0	0	0	0	0	1
Hepatitis A	Cases	208	369	588	394	347	561	834
	Deaths	1	0	0	1	5	5	10
Hepatitis B[2]	Cases	265	275	278	227	197	220	235
	Deaths	0	0	0	0	0	0	0
Influenza-like Illness	Cases	23,216	19,460	17,305	17,573	24,673	29,091	30,257
	Deaths	30	48	17	20	18	35	29
Malaria	Cases	13	23	11	11	19	19	36
	Deaths	0	0	0	0	0	0	0
Measles	Cases	11	15	6	3	8	11	12
	Deaths	0	0	0	0	0	0	0
Meningococcal Infection	Cases	22	30	31	36	51	43	29
	Deaths	4	5	0	4	9	6	2
Mumps	Cases	17	28	31	54	22	53	68
	Deaths	0	0	0	0	0	1	1
Pertussis	Cases	84	110	49	138	36	24	29
	Deaths	1	0	0	0	0	1	0
Poliomyelitis	Cases	0	0	0	0	0	0	1
	Deaths	0	0	0	0	0	0	0
Rheumatic Fever	Cases	8	9	19	2	3	2	9
	Deaths	2	0	0	0	0	0	0
Rocky Mountain Spotted Fever	Cases	3	2	1	0	2	4	5
	Deaths	0	0	0	0	0	1	0
Salmonellosis	Cases	471	537	508	484	413	407	564
	Deaths	0	1	0	0	1	0	21
Shigellosis	Cases	258	209	380	318	416	425	390
	Deaths	1	0	0	0	0	0	0
Syphilis	Cases	240	362	301	348	468	502	426
	Deaths	1	2	3	1	1	1	2
Tetanus	Cases	0	0	0	0	0	0	0
	Deaths	0	0	0	0	0	0	0
Tuberculosis	Cases	87	106	95	108	113	121	135
	Deaths	12	12	5	7	11	8	13
Typhoid Fever	Cases	1	5	5	1	3	10	7
	Deaths	0	0	0	0	0	0	0

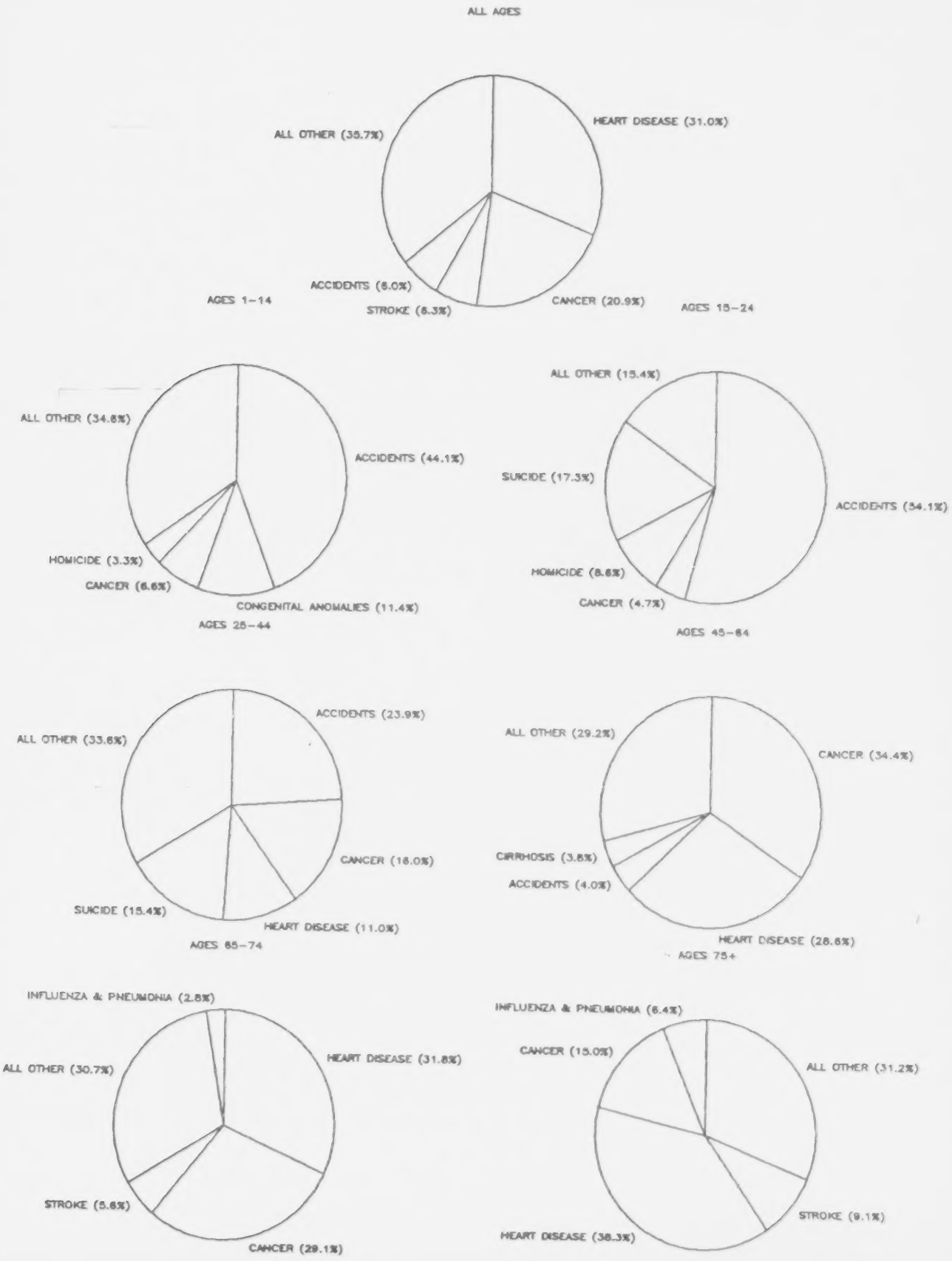
Causes		Years							
		1975	1970	1965	1960	1955	1950	1945	1940
AIDS[1]									
Botulism	Cases	0	2	0	0	5	3	0	4
	Deaths	0	2	1	0	1	1	2	6
Colorado Tick Fever	Cases	261	72	156	242	223	99	31	68
	Deaths	0	0	1	0	0	0	0	0
Diphtheria	Cases	1	5	0	3	5	43	284	357
	Deaths	1	1	0	0	0	0	22	15
Encephalitis	Cases	37	13	116	50	35	17	8	60
	Deaths	8	9	12	12	13	11	0	7
Gonorrhea & Other Venereal Disease	Cases	11,534	5,801	2,381	1,563	1,391	1,190	2,755	1,246
	Deaths	0	0	0	1	2	0	4	1
Hepatitis A	Cases	248	1,017	403	1,177	528	0	0	0
	Deaths	7	14	9	14	3	5	2	0
Hepatitis B[2]	Cases	144	0	0	0	0	0	0	0
	Deaths	0	0	0	0	0	0	0	0
Influenza-like Illness	Cases	9,586	5,669	1,293	21,606	1,674	2,546	3,491	1,544
	Deaths	41	44	24	61	20	58	119	151
Malaria	Cases	2	348	5	0	4	2	846	3
	Deaths	2	0	1	0	0	0	0	0
Measles	Cases	1,173	295	6,027	6,749	5,082	5,431	832	1,526
	Deaths	2	0	3	5	6	9	1	15
Meningococcal Infection	Cases	11	19	30	18	60	28	48	11
	Deaths	4	9	7	4	12	10	16	3
Mumps	Cases	689	1,677	2,199	4,249	3,789	2,332	2,155	6,132
	Deaths	0	0	0	0	2	0	4	1
Pertussis	Case	18	83	98	448	599	1,134	1,672	893
	Deaths	0	0	0	0	3	5	25	33
Poliomyelitis	Cases	0	1	1	21	223	205	146	40
	Deaths	0	0	1	0	6	8	14	12
Rheumatic Fever	Cases	33	61	76	275	102	128	223	0
	Deaths	0	2	5	5	28	27	19	17
Rocky Mountain Spotted Fever	Cases	1	3	9	6	6	17	13	11
	Deaths	0	0	0	0	1	1	1	1
Salmonellosis	Cases	716	305	218	180	79	8	7	9
	Deaths	0	1	1	0	1	0	0	0
Shigellosis	Cases	501	100	259	238	131	25	16	90
	Deaths	1	0	3	4	2	4	5	3
Syphilis	Cases	314	272	583	153	278	755	2,398	3,132
	Deaths	2	5	22	30	18	50	74	89
Tetanus	Cases	0	0	2	1	0	0	0	3
	Deaths	0	0	0	1	1	2	-	6
Tuberculosis	Cases	220	362	558	746	1,144	1,586	669	565
	Deaths	31	34	61	76	116	208	362	457
Typhoid Fever	Cases	2	4	1	1	16	23	50	79
	Deaths	0	0	0	0	0	0	8	9

Reported case data provided by the Disease Control and Environmental Epidemiology Division, Colorado Department of Health.

[1] Acquired Immunodeficiency Syndrome. Counts for AIDS deaths were provided by the Sexually Transmitted Disease Control Unit of the Colorado Department of Health.

[2] No mortality data are shown because deaths in which hepatitis B is a contributing factor usually are coded to the underlying condition and not to hepatitis B.

Figure 4. Selected Leading Causes of Death for Selected Age Groups: Colorado Residents, 1986.



Section 7

ADOPTIONS

The familiar term "adoptions" as used in this report encompasses more than those events to which it most commonly refers. In addition to both-parent, single-parent, stepparent, and relative adoptions processed and reported to this office, reported legitimations and paternity adjudications processed by the courts in 1986 are included. Legitimations are the result of the intermarriage of the natural parents following the birth of the child. Paternity adjudications are the determinations of paternity by a district court. There were 4,007 total adoptions processed in 1986 in Colorado. Of these, 3,262 were compiled through direct reporting by Colorado courts. The balance, 745 adoptions in 1986, involved Colorado residents born in the state being adopted by people out of state. Table 40 shows numbers of Colorado adoptions by year of decree for 1984, 1985, and 1986.

Of all adoptions, 41 percent involved stepparents, with a husband or wife adopting the children of his or her spouse. Of events processed in 1986, 1,654 were in this category. There were 924 both-parent adoptions, 73 single-parent adoptions, 102 relative adoptions, 533 legitimations, and 721 adjudications. Table 41 presents these data. Table 42 shows types of adoptions by age of child.

The Office of the State Registrar also administers the Colorado Voluntary Adoption Registry. Created by statute in 1983, the Registry facilitates voluntary contact between adult adoptees and their birth parents.

During fiscal year 1986-1987, 155 persons registered for the Adoption Registry, bringing the total of persons registered since inception to 692. There has been a total of 9 matches of adult adoptees with birth parents or relatives. Information about the Colorado Voluntary Adoption may be obtained from the Vital Records Section at (303) 320-8475.

Table 40. Adoptions Processed in Colorado by Year of Decree: Colorado, 1984-1986 (Includes Legitimations and Adjudications)

	Year in which Processed					
	1984		1985		1986	
Year of Decree	Number	Percent	Number	Percent	Number	Percent
Total	3,561	100.0	3,250	100.0	4,007	100.0
Prior to 1970	43	1.2	42	1.3	35	0.9
1970 through 1974	14	0.4	15	0.5	18	0.4
1975 through 1977	14	0.4	13	0.4	12	0.3
1978	5	0.1	7	0.2	9	0.2
1979	35	1.0	12	0.4	11	0.3
1980	44	1.2	19	0.6	18	0.4
1981	65	1.8	47	1.4	37	0.9
1982	104	2.9	96	3.0	62	1.5
1983	500	14.0	139	4.3	98	2.4
1984	2,737	76.9	485	14.9	135	3.4
1985	-	-	2,373	73.0	782	19.5
1986	-	-	-	-	2,790	69.6

Table 41. Type of Adoption and Sex of Child for Processed Adoptions: Colorado, 1986

Type of Adoption	Total Processed	Colorado Adoptions			Colorado Births		
			Place of Birth			Place of Adoption	
		Total	Colorado	Out of State	Total	Colorado	Out of State
Total	4,007	3,262	2,636	626	3,381	2,636	745
Male	1,986	1,618	1,296	322	1,664	1,296	368
Female	2,021	1,644	1,340	304	1,717	1,340	377
Both Parent	924	716	589	127	797	589	208
Male	471	365	292	73	398	292	106
Female	453	351	297	54	399	297	102
Stepparent	1,654	1,200	745	455	1,199	745	454
Male	817	591	362	229	588	362	226
Female	837	609	383	226	611	383	228
Single Parent	73	53	39	14	59	39	20
Male	36	29	24	5	31	24	7
Female	37	24	15	9	28	15	13
Legitimation	533	533	533	0	533	533	0
Male	261	261	261	0	261	261	0
Female	272	272	272	0	272	272	0
Relative	102	67	58	9	93	58	35
Male	52	34	28	6	46	28	18
Female	50	33	30	3	47	30	17
Adjudication	721	693	672	21	700	672	28
Male	349	338	329	9	340	329	11
Female	372	355	343	12	360	343	17

Note: There were 351 foreign born adoptions, not included in total processed.

Table 42. Type of Adoption and Age of Child for Processed Adoptions: Colorado, 1986

Age of Child	All Processed Adoptions	Type of Adoption					
		Both Parent	Step Parent	Single Parent	Legiti-mation	Relative Adoption	Adjudi-cation
Total	4,007	924	1,654	73	533	102	721
1 Year	945	393	14	1	240	7	290
1	447	132	29	4	117	14	151
2	307	77	53	5	81	13	78
3	264	53	93	6	31	5	76
4	211	34	115	5	18	5	34
5- 9	1,024	141	722	19	43	33	66
10-14	579	67	452	17	1	19	23
15-19	175	24	137	6	0	5	3
19	52	2	39	10	0	1	0
Unknown	3	1	0	0	2	0	0

Section 8

MARRIAGES AND MARRIAGE DISSOLUTIONS

Marriages and marriage dissolutions (divorces and annulments) are reported by the county where the marriage license was obtained or where the dissolution took place. All marriage and marriage dissolution data presented in this report are compiled by place of occurrence.

Colorado's marriage rate decreased to 10.0 in 1986, reaching its lowest point since the rate of 9.9 in 1966. The rate for 1985 was 10.4 per 1,000 population, compared with 11.1 in 1984 and 11.4 in 1983. Colorado's marriage rate was equal to the provisional U.S. rate of 10.0 in 1986. A total of 32,811 marriage license applications were issued in Colorado in 1986.

Colorado's marriage dissolution rate stood at 5.7 per 1,000 population in 1986, down slightly from the rate of 5.8 in 1985. The state's rate continued to be higher than that of the nation, which stood at 4.8 in 1986 (provisional rate). However, Colorado's rate in 1986 was the lowest since 1972's rate of 5.3.

Table 43 shows marriages and marriage dissolutions for Colorado for 1970 through 1986, with state and U.S. rates. Table 44 contains information on ages of spouses in Colorado marriages in 1986, and Table 45 shows previous marital status of spouses as reported on marriage license applications.

Table 43. Marriages and Marriage Dissolutions (Divorces and Annulments): Colorado Occurrence and U.S. Rates, 1970-1986

	Marriages			Marriage Dissolutions		
	Colorado		U.S.	Colorado		U.S.
Year	Number	Rate	Rate	Number	Rate	Rate
1970	25,000	11.3	10.6	10,400	4.7	3.5
1971	25,839	11.3	10.6	11,809	5.2	3.7
1972	27,095	11.4	11.0	12,604	5.3	4.1
1973	28,023	11.3	10.8	14,401	5.8	4.3
1974	26,061	10.2	10.5	15,104	5.9	4.6
1975	27,565	10.7	10.0	15,733	6.1	4.8
1976	28,601	10.9	9.9	17,520	6.7	5.0
1977	30,063	11.2	9.9	20,557	7.7	5.0
1978	31,129	11.3	10.3	18,590	6.7	5.1
1979	32,831	11.5	10.4	16,498	5.8	5.3
1980	34,943	12.1	10.6	18,571	6.4	5.2
1981	37,251	12.5	10.6	19,515	6.6	5.3
1982	37,796	12.3	10.6	18,710	6.1	5.0
1983	36,239	11.4	10.5	19,409	6.2	4.9
1984	35,525	11.1	10.5	19,532	6.1	4.9
1985	33,612	10.4	10.2	18,778	5.8	5.0
1986	32,811	10.0	10.0	18,951	5.7	4.8

Rates are per 1,000 population. U.S. rates for 1985 and 1986 are provisional.

Table 44. Total Marriages and First Marriages by Age and Sex as Reported on Marriage License Applications: Colorado Occurrence, 1986.

Age Group	Total Marriages		First Marriages	
	Male	Female	Male	Female
Total	32,811	32,811	20,604	19,726
<15	0	0	0	0
15-19	1,514	4,001	1,502	3,914
20-24	9,044	10,011	8,530	8,678
25-29	8,334	7,547	6,456	4,673
30-34	5,460	4,900	2,717	1,751
35-39	3,409	2,836	959	443
40-44	1,956	1,490	228	134
45-49	1,106	834	83	33
50-54	698	378	31	15
55-59	470	272	30	9
60-64	317	199	13	9
65-69	180	130	10	5
70-74	147	64	5	1
75+	104	35	2	2
Not Stated	72	114	38	59

Table 45. Previous Marital Status Reported on Marriage License Applications: Colorado Occurrence, 1986.

Marital Status of Males	Marital Status of Females	Number	Percent
Never Married	Never Married	15,917	48.5
Never Married	Divorced	4,466	13.6
Never Married	Widowed	138	0.4
Divorced	Never Married	3,655	11.1
Divorced	Divorced	7,181	21.9
Divorced	Widowed	403	1.2
Widowed	Never Married	83	0.3
Widowed	Divorced	388	1.2
Widowed	Widowed	301	0.9
Previous Marital Status Not Stated		279	0.9
Total		32,811	100.0

Section 9

CERTIFIED COPIES

Table 45 presents information on certified copies of birth and death records issued by the Vital Records Section of the Health Policy, Planning, and Statistics Division. It is estimated that local registrars issue a comparable number of certificates each year. The fees for obtaining certified copies have been $6.00 for regular service and $10.00 for priority service since 1984. The fee was $4.00 from 1982 to 1984, and $2.00 from 1954 to 1982.

In addition to collecting and providing certified copies of birth and death records for the state, the Vital Records Section also issued 469 delayed records, made 3,849 corrections of records, processed 649 birth records to show paternity, and processed 209 legal name changes in fiscal year 1986-1987.

Table 46. Certified Copies of Birth and Death Certificates: Selected Fiscal Years (July 1-June 30)

Fiscal Year	Total	Paid Copies	Free Copies
1940-1941	7,441	6,781	660
1950-1951	28,115	22,657	5,458
1960-1961	38,701	36,235	2,466
1961-1962	40,935	38,772	2,163
1962-1963	42,818	40,600	2,218
1963-1964	43,496	41,277	2,219
1964-1965	43,754	41,830	1,924
1965-1966	49,537	47,605	1,932
1966-1967	52,542	50,288	2,254
1967-1968	52,936	50,986	1,950
1968-1969	55,301	53,331	1,970
1969-1970	56,373	54,677	1,696
1970-1971	56,800	55,058	1,742
1971-1972	62,461	59,824	1,579
1972-1973	62,543	61,463	1,080
1973-1974	65,260	63,676	1,584
1974-1975	67,259	65,941	1,318
1975-1976	69,812	68,642	1,180
1976-1977	68,974	67,938	1,036
1977-1978	72,880	71,761	1,119
1978-1979	74,049	72,882	1,167
1979-1980	75,637	74,653	984
1980-1981	79,345	78,558	797
1981-1982	80,869	79,564	1,305
1982-1983	82,268	80,869	1,399
1983-1984	74,066	72,988	1,078
1984-1985	63,899	63,184	715
1985-1986	63,879	62,939	940
1986-1987	71,361	69,707	1,654

Appendix A

TABULATIONS BY STATE, COUNTY, PLANNING REGION, AND HEALTH SERVICE AREA

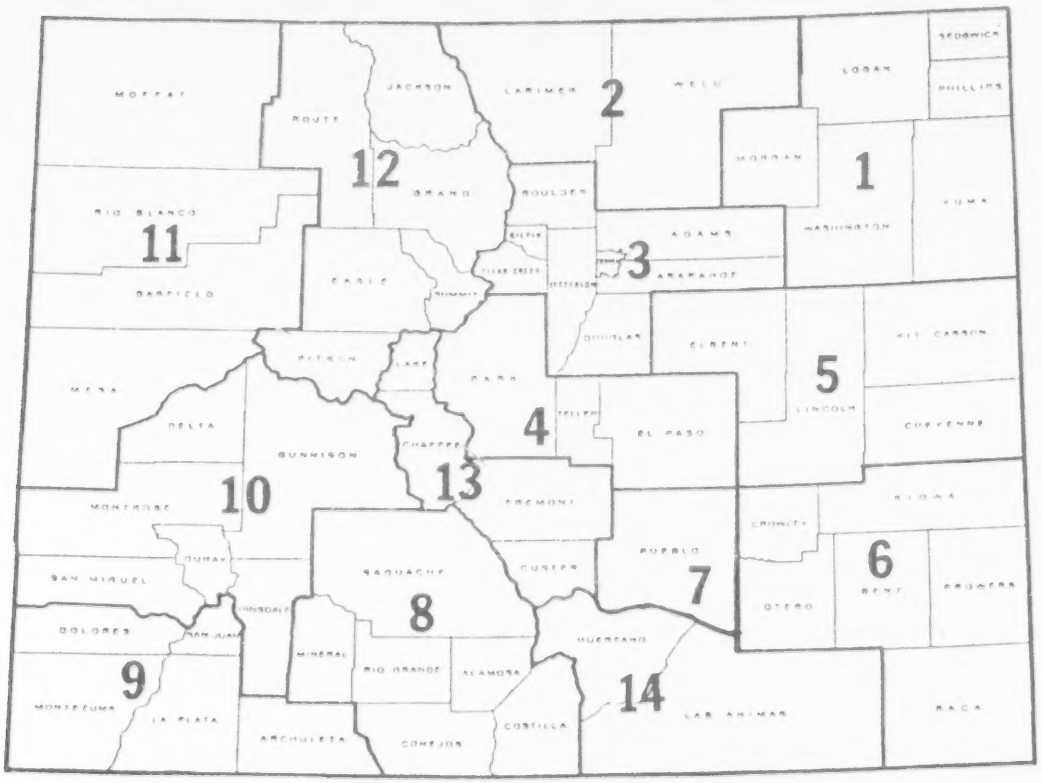
The following tables present Colorado vital statistics by county, planning and management region, and health service area. A map of Colorado appears here as Figure 5, and Table 46 lists Colorado counties with their county seats and planning regions.

Population figures used in these tables are 1985-based estimates provided by the Demographic Section of the Colorado Department of Local Affairs. These population figures are subject to revision and some changes in rates may result by use of subsequent population estimates.

As explained in the Preface, interstate exchange of birth and death records between the state of residence and state of occurrence allows the compilation of complete natality and mortality statistics for Colorado residents. No such system exists for other events tabulated here. Therefore, resident figures shown for spontaneous fetal deaths and induced terminations of pregnancy include only those events reported for Colorado residents that occurred within the state.

Marriage and marriage dissolution figures appearing here are for events occurring in Colorado regardless of place of residence. These figures represent totals for cases reported to the Colorado Department of Health on file at the time this report was compiled. These data may differ slightly

Figure 5: Map of Colorado.



from figures released by the National Center for Health Statistics. Nationally compiled marriage and marriage dissolution statistics include only those events reported to the state office by April 15 following the year concerned.

Caution should be used in evaluating any vital statistics rates based on few actual cases. Table A-4 presents five-year average rates, which are more reliable measurements when considering statistics for areas with relatively small populations. Differences in birth and death rates given here may in part reflect differences in the age distribution and other characteristics of populations.

Table 47. Listing of Colorado Counties with County Seats, Planning Regions, and Health Service Areas

Code	County	County Seat	Region	HSA	Code	County	County Seat	Region	HSA
01	Adams	Brighton	3	1	32	Kit Carson	Burlington	5	1
02	Alamosa	Alamosa	8	2	33	Lake	Leadville	13	2
03	Arapahoe	Littleton	3	1	34	La Plata	Durango	9	3
04	Archuleta	Pagosa Springs	9	3	35	Larimer	Fort Collins	2	1
05	Baca	Springfield	6	2	36	Las Animas	Trinidad	7	2
06	Bent	Las Animas	6	2	37	Lincoln	Hugo	5	1
07	Boulder	Boulder	3	1	38	Logan	Sterling	1	1
08	Chaffee	Salida	13	2	39	Mesa	Grand Junction	11	3
09	Cheyenne	Cheyenne Wells	5	1	40	Mineral	Creede	8	2
10	Clear Creek	Georgetown	3	1	41	Moffat	Craig	11	3
11	Conejos	Conejos	8	2	42	Montezuma	Cortez	9	3
12	Costilla	San Luis	8	2	43	Montrose	Montrose	10	3
13	Crowley	Ordway	6	2	44	Morgan	Fort Morgan	1	1
14	Custer	Westcliffe	13	2	45	Otero	La Junta	6	2
15	Delta	Delta	10	3	46	Ouray	Ouray	10	3
16	Denver	Denver	3	1	47	Park	Fairplay	4	2
17	Dolores	Dove Creek	9	3	48	Phillips	Holyoke	1	1
18	Douglas	Castle Rock	3	1	49	Pitkin	Aspen	12	3
19	Eagle	Eagle	12	3	50	Prowers	Lamar	6	2
20	Elbert	Kiowa	5	1	51	Pueblo	Pueblo	7	2
21	El Paso	Colorado Springs	4	2	52	Rio Blanco	Meeker	2	[illegible]
22	Fremont	Canon City	13	2	53	Rio Grande	Del Norte	8	2
23	Garfield	Glenwood Springs	11	3	54	Routt	Steamboat Springs	12	3
24	Gilpin	Central City	3	1	55	Saguache	Saguache	8	2
25	Grand	Hot Sulphur Springs	12	3	56	San Juan	Silverton	9	3
					57	San Miguel	Telluride	10	3
26	Gunnison	Gunnison	10	3	58	Sedgwick	Julesburg	1	1
27	Hinsdale	Lake City	10	3	59	Summit	Breckenridge	12	3
28	Huerfano	Walsenburg	7	2	60	Teller	Cripple Creek	4	2
29	Jackson	Walden	12	3	61	Washington	Akron	1	1
30	Jefferson	Golden	3	1	62	Weld	Greeley	2	1
31	Kiowa	Eads	6	2	63	Yuma	Wray	1	1

APPENDIX A

TABLES BY STATE, COUNTY, PLANNING REGION, AND HEALTH SERVICE AREA, 1986

APPENDIX A , TABLE A-1

ESTIMATED POPULATION, POPULATION GROWTH (1985 TO 1986), AND POPULATION DENSITY, WITH RANKS - COLORADO, 1986

COUNTY	POPULATION				POPULATION GROWTH			POPULATION DENSITY		
	1986 TOTAL	1986 PERCENT	1986 RANK	1985 TOTAL	POPULATION GAIN/LOSS	PERCENT CHANGE	RANK	AREA IN SQUARE MILES	PERSONS PER SQUARE MILE	RANK
COLORADO	3296032	100.0	.	3231083	64949	2.0	.	103595	31.8	.
ADAMS	275326	8.4	5	268802	6524	2.4	18	1235	222.9	5
ALAMOSA	12576	.4	27	12455	121	1.0	33	719	17.5	22
ARAPAHOE	387791	11.8	3	379171	8620	2.3	20	800	484.7	3
ARCHULETA	5323	.2	44	5191	132	2.5	16	1353	3.9	41
BACA	4694	.1	46	4771	-77	-1.6	59	2554	1.8	55
BENT	5616	.2	43	5700	-84	-1.5	58	1517	3.7	42
BOULDER	216419	6.6	6	210604	5815	2.8	12	742	291.7	4
CHAFFEE	12374	.4	29	12222	152	1.2	30	1008	12.3	25
CHEYENNE	2420	.1	55	2432	-12	-.5	48	1783	1.4	58
CLEAR CREEK	7905	.2	37	7682	223	2.9	10	397	19.9	15
CONEJOS	7915	.2	36	7953	-38	-.5	47	1285	6.2	34
COSTILLA	3316	.1	51	3352	-36	-1.1	55	1227	2.7	51
CROWLEY	3185	.1	52	3217	-32	-1.0	53	790	4.0	40
CUSTER	2132	.1	56	2090	42	2.0	23	740	2.9	47
DELTA	24309	.7	16	23954	355	1.5	28	1141	21.3	13
DENVER	513809	15.6	1	510871	2938	.6	37	111	4628.9	1
DOLORES	1498	.0	60	1528	-30	-2.0	62	1064	1.4	57
DOUGLAS	42654	1.3	11	36717	5937	16.2	1	841	50.7	9
EAGLE	18888	.6	20	18222	666	3.7	4	1690	11.2	27
ELBERT	8687	.3	35	8457	230	2.7	13	1851	4.7	37
EL PASO	378496	11.5	4	368704	9792	2.7	14	2129	177.8	6
FREMONT	30671	.9	13	30254	417	1.4	29	1538	19.9	14
GARFIELD	25721	.8	15	25109	612	2.4	17	2952	8.7	30
GILPIN	2808	.1	54	2720	88	3.2	7	149	18.8	17
GRAND	9908	.3	34	9614	294	3.1	8	1854	5.3	36
GUNNISON	11351	.3	31	11124	227	2.0	22	3238	3.5	45
HINSDALE	381	.0	63	374	7	1.9	27	1115	.3	63
HUERFANO	7181	.2	39	7205	-24	-.3	46	1583	4.5	38
JACKSON	1582	.0	59	1593	-11	-.7	50	1615	1.0	61
JEFFERSON	424794	12.9	2	415069	9725	2.3	19	768	553.1	2
KIOWA	1820	.1	58	1854	-34	-1.8	61	1758	1.0	60
KIT CARSON	7775	.2	38	7749	26	.3	40	2160	3.6	44
LAKE	6857	.2	40	6938	-81	-1.2	56	379	18.1	19
LA PLATA	31398	1.0	12	30794	604	2.0	25	1692	18.6	18
LARIMER	175423	5.3	7	170242	5181	3.0	9	2604	67.4	7
LAS ANIMAS	14005	.4	25	14250	-245	-1.7	60	4771	2.9	46
LINCOLN	4573	.1	47	4609	-36	-.8	51	2586	1.8	56
LOGAN	19703	.6	19	19767	-64	-.3	45	1819	10.8	28
MESA	90242	2.7	10	88534	1708	1.9	26	3309	27.3	11
MINERAL	779	.0	61	759	20	2.6	15	877	.9	62
MOFFAT	12833	.4	26	12566	267	2.1	21	4732	2.7	50

(CONTINUED)

APPENDIX A , TABLE A-1
ESTIMATED POPULATION, POPULATION GROWTH (1985 TO 1986), AND POPULATION DENSITY, WITH RANKS - COLORADO, 1986

COUNTY	POPULATION				POPULATION GROWTH			POPULATION DENSITY		
	1986 TOTAL	1986 PERCENT	1986 RANK	1985 TOTAL	POPULATION GAIN/LOSS	PERCENT CHANGE	RANK	AREA IN SQUARE MILES	PERSONS PER SQUARE MILE	RANK
MONTEZUMA	18155	.6	21	17968	187	.9	34	2038	8.9	29
MONTROSE	25788	.8	14	25524	264	1.0	31	2240	11.5	26
MORGAN	22843	.7	17	22785	58	.3	42	1276	17.9	20
OTERO	22025	.7	18	22169	-144	-.6	49	1247	17.7	21
OURAY	1986	.1	57	1966	20	1.0	32	542	3.7	43
PARK	6227	.2	41	6025	202	3.4	6	2192	2.8	48
PHILLIPS	4484	.1	48	4487	-3	-.1	44	688	6.5	32
PITKIN	12500	.4	28	12091	409	3.4	5	968	12.9	23
PROWERS	14165	.4	24	14100	65	.5	38	1629	8.7	31
PUEBLO	126937	3.9	9	126982	-45	.0	43	2377	53.4	8
RIO BLANCO	6021	.2	42	5974	47	.8	36	3222	1.9	54
RIO GRANDE	11445	.3	30	11414	31	.3	41	913	12.5	24
ROUTT	15045	.5	22	14622	423	2.9	11	2367	6.4	33
SAGUACHE	3863	.1	49	3902	-39	-1.0	54	3167	1.2	59
SAN JUAN	742	.0	62	748	-6	-.8	52	388	1.9	53
SAN MIGUEL	3502	.1	50	3474	28	.8	35	1287	2.7	49
SEDGWICK	3018	.1	53	3081	-63	-2.0	63	540	5.6	35
SUMMIT	14179	.4	23	13638	541	4.0	2	607	23.4	12
TELLER	10993	.3	32	10580	413	3.9	3	559	19.7	16
WASHINGTON	5250	.2	45	5313	-63	-1.2	57	2520	2.1	52
WELD	139250	4.2	8	136522	2728	2.0	24	3990	34.9	10
YUMA	9961	.3	33	9921	40	.4	39	2365	4.2	39
REGION 1	65259	2.0	8	65354	-95	-.1	12	9208	7.1	9
REGION 2	314673	9.5	3	306764	7909	2.6	3	6594	47.7	4
REGION 3	1871506	56.8	1	1831636	39870	2.2	4	5043	371.1	1
REGION 4	395716	12.0	2	385309	10407	2.7	2	4880	81.1	2
REGION 5	23455	.7	13	23247	208	.9	9	8380	2.8	14
REGION 6	51505	1.6	11	51811	-306	-.6	13	9495	5.4	11
REGION 7	126937	3.9	5	126982	-45	.0	11	2377	53.4	3
REGION 8	39894	1.2	12	39835	59	.1	10	8188	4.9	12
REGION 9	57116	1.7	9	56249	867	1.5	6	6535	8.7	7
REGION 10	67317	2.0	7	66416	901	1.4	7	9563	7.0	10
REGION 11	134817	4.1	4	132183	2634	2.0	5	14215	9.5	6
REGION 12	72102	2.2	6	69780	2322	3.3	1	9101	7.9	8
REGION 13	52034	1.6	10	51504	530	1.0	8	3665	14.2	5
REGION 14	21186	.6	14	21455	-269	-1.3	14	6354	3.3	13
HSA I	2274893	69.0	1	2227001	47892	2.2	1	29225	77.8	1
HSA II	687272	20.9	2	676896	10376	1.5	3	34595	19.9	2
HSA III	331352	10.1	3	324628	6724	2.1	2	39414	8.4	3

APPENDIX A , TABLE A-2
POPULATION BY AGE GROUP - COLORADO, 1986

COUNTY	TOTAL	AGE GROUP (YEARS)												
		< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-75	75-84	85 +
COLORADO	3296032	58435	212560	242159	229067	256094	296593	649048	501403	303428	252264	175828	90609	28044
ADAMS	275326	5103	20076	23015	21163	19374	22681	56926	39731	26033	20999	12786	5322	1457
ALAMOSA.....	12576	263	947	1139	917	1113	1189	2214	1693	1026	882	705	373	115
ARAPAHOE....	387791	6506	25811	29687	29235	25735	25777	87147	70839	38131	26438	15188	5590	1707
ARCHULETA...	5323	107	407	479	411	402	385	826	747	519	553	357	105	25
BACA.....	4694	76	262	313	341	379	330	547	571	487	569	465	274	80
BENT.....	5616	74	317	440	424	423	371	761	683	563	665	517	284	94
BOULDER.....	216419	3539	12556	13649	13171	17414	25901	46002	35893	19747	13239	8767	4852	1689
CHAFFEE.....	12374	233	743	804	811	1090	1234	1981	1563	1177	1035	951	595	157
CHEYENNE....	2420	52	208	240	160	134	135	423	308	181	245	192	125	17
CLEAR CREEK.	7905	161	609	701	597	535	440	1645	1564	723	470	297	124	39
CONEJOS	7915	163	633	775	685	678	632	1191	862	717	680	520	303	76
COSTILLA....	3316	69	248	276	216	238	252	566	401	309	276	281	137	47
CROWLEY.....	3185	55	212	248	190	192	218	501	361	274	321	332	208	73
CUSTER.....	2132	38	171	210	119	96	127	465	319	[illegible]	173	125	78	12
DELTA.....	24309	370	1463	1673	1749	1613	1726	3370	3154	2250	2252	2440	1447	400
DENVER.....	513809	8288	32123	34226	28200	30839	50937	106323	70932	40670	46345	36161	21570	7195
DOLORES.....	1498	29	109	126	109	105	106	225	190	155	150	127	55	12
DOUGLAS.....	42654	832	3147	3287	3456	2857	2900	10351	7844	4166	2106	1132	435	141
EAGLE.....	18888	395	1400	1257	1040	1293	2612	6029	2635	1120	669	305	110	23
ELBERT.....	8687	147	566	740	733	730	715	1406	1558	840	528	382	222	60
EL PASO	378496	7980	24601	28185	30015	39941	36720	66998	53258	35244	27631	17417	8123	2383
FREMONT.....	30671	461	1621	1934	1964	2373	2557	4915	3776	2742	2743	2896	2081	608
GARFIELD....	25721	507	1903	2105	1786	1711	1867	5212	4332	2337	1649	1299	770	243
GILPIN.....	2808	68	197	198	160	223	186	556	592	272	177	108	60	11
GRAND.....	9908	152	615	757	731	788	978	2525	1577	775	562	295	137	16
GUNNISON....	11351	205	541	602	538	1470	2435	2102	1536	815	567	319	166	55
HINSDALE....	381	8	24	23	20	21	11	78	81	47	35	25	7	1
HUERFANO....	7181	112	467	591	454	443	480	1234	921	608	654	651	434	132
JACKSON.....	1582	18	82	117	120	117	96	222	274	222	156	97	50	11
JEFFERSON...	424794	7216	25801	29459	31026	33064	32886	82660	74919	45885	33769	16491	7426	2222
KIOWA	1820	29	125	158	116	98	91	228	203	174	291	226	53	28
KIT CARSON..	7775	119	523	670	597	516	513	1231	1023	737	746	631	369	100
LAKE.....	6857	109	513	654	556	441	494	1471	994	690	504	295	126	10
LA PLATA....	31398	694	2054	2082	1888	2979	3640	6371	4382	2607	2069	1557	828	247
LARIMER.....	175423	3415	10496	12003	10873	17820	21975	32402	25214	14424	11191	8362	5124	1624
LAS ANIMAS..	14005	175	796	1073	1003	956	1006	2124	1614	1193	1373	1454	918	290
LINCOLN.....	4573	100	332	320	244	267	322	689	519	485	485	463	249	98
LOGAN.....	19703	316	1314	1611	1308	1301	1599	3534	2416	1815	1895	1459	847	288
MESA.....	90242	1501	6049	7378	6473	6447	7153	16536	13077	8106	7247	5895	3307	1073
MINERAL.....	779	15	48	54	45	57	50	137	134	94	58	69	17	1
MOFFAT	12833	246	1033	1243	1085	863	752	2406	2210	1253	902	512	237	91
MONTEZUMA...	18155	303	1330	1709	1515	1278	1133	3022	2602	1765	1530	1182	619	167
MONTROSE....	25788	390	1660	2177	1900	1802	1698	4036	3816	2720	2209	1966	1113	301

(CONTINUED)
A-2

APPENDIX A , TABLE A-2
POPULATION BY AGE GROUP - COLORADO, 1986

COUNTY	TOTAL	AGE GROUP (YEARS)												
		< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-75	75-84	85 +
MORGAN.....	22843	420	1701	2037	1691	1509	1514	3067	2918	2142	2024	1661	1014	345
OTERO.....	22025	394	1492	1788	1597	1669	1690	3265	2627	2099	1989	1827	1178	410
OURAY.....	1986	31	124	166	140	137	106	290	378	203	173	156	72	10
PARK.....	6227	137	457	515	506	536	385	998	1206	616	424	281	87	19
PHILLIPS....	4484	51	256	356	336	282	268	625	593	428	413	441	324	111
PITKIN.....	12500	150	564	568	631	776	1379	4226	2110	1139	560	282	100	15
PROWERS.....	14165	328	1244	1373	1077	953	987	2380	1821	1223	1159	929	507	184
PUEBLO	126937	1963	7402	9028	8630	9974	11126	20934	15936	11887	12800	10190	5403	1464
RIO BLANCO..	6021	121	466	570	462	416	456	1066	879	626	497	272	134	34
RIO GRANDE..	11445	230	882	1015	867	800	767	1915	1499	1052	937	826	492	163
ROUTT.....	15045	265	1021	1165	1047	972	999	3900	3189	1152	684	393	197	61
SAGUACHE....	3863	83	319	354	269	277	280	574	486	321	390	297	163	44
SAN JUAN....	742	19	74	79	56	39	38	156	135	65	49	27	4	1
SAN MIGUEL..	3502	63	236	283	264	254	199	792	847	247	145	108	51	13
SEDGWICK....	3018	35	153	210	231	217	179	386	359	305	341	355	194	53
SUMMIT.....	14179	221	855	844	835	1111	2289	4847	1839	755	377	160	44	2
TELLER.....	10993	245	797	827	797	918	894	1907	1980	1066	798	515	207	42
WASHINGTON	5250	74	326	436	374	338	310	818	987	498	587	483	235	84
WELD.....	139250	2779	9244	10939	10010	13547	14048	24698	18929	12076	9691	7354	4132	1203
YUMA.....	9961	153	681	887	765	655	596	1519	1824	954	916	802	517	192
REGION 1...	65259	1049	4431	5537	4705	4302	4466	10749	8297	6142	6176	5201	3131	1073
REGION 2...	314673	6194	19740	22942	20683	31367	36623	57100	44140	26500	20882	16216	9256	2827
REGION 3...	1871506	31713	120320	134222	127008	130641	161706	301610	302314	175657	143543	92930	45379	14461
REGION 4...	395716	8362	25855	29527	31318	41395	37999	69903	56504	36926	28853	18213	8417	2444
REGION 5...	23455	418	1629	1970	1734	1707	1685	3749	3408	2243	2004	1668	965	275
REGION 6...	51505	956	3652	4320	3745	3714	3087	7682	6936	4820	4994	4296	2504	869
REGION 7...	126937	1963	7402	9028	8630	9974	11126	20934	15936	11887	12800	10190	5403	1464
REGION 8...	39894	829	3077	3613	2999	3163	3170	6597	5075	3519	3223	2698	1485	446
REGION 9...	57116	1152	3974	4475	3979	4803	5302	10600	8056	5111	4351	3250	1611	452
REGION 10...	67317	1067	4048	5124	4611	5497	6177	10668	9812	6282	5381	5014	2856	780
REGION 11...	134817	2375	9473	11296	9806	9437	10226	25220	20498	12322	10295	7978	4448	1441
REGION 12...	72102	1201	4537	4708	4404	5057	8353	21749	11624	5163	3008	1532	638	128
REGION 13...	52034	841	3048	3602	3450	4000	4412	8852	6652	4788	4455	4267	2880	787
REGION 14...	21186	287	1263	1664	1457	1399	1516	3358	2535	1801	2027	2105	1352	422
HSA I.....	2274893	39374	146120	164671	154330	168017	204482	463208	358162	210542	172605	116015	58731	18636
HSA II.....	687272	13238	44297	51754	51799	63645	61910	117326	92968	63741	56352	41769	22041	6432
HSA III.....	331352	5795	22032	25603	22800	24794	30060	60237	49990	28878	23035	17774	9553	2801

APPENDIX A , TABLE A-3
LIVE BIRTHS, LOW WEIGHT BIRTHS, BIRTHS TO UNMARRIED WOMEN, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION), AND PERINATAL DEATHS, WITH RATES - COLORADO RESIDENTS, 1986

COUNTY	BIRTHS						DEATHS									
	LIVE BIRTHS		LOW WEIGHT BIRTHS		BIRTHS TO UNMARRIED WOMEN		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
COLORADO	55142	16.7	4255	7.7	9926	18.0	20768	6.3	476	8.6	293	5.3	371	6.7	664	12.0
ADAMS	5101	18.5	413	8.2	1160	22.7	1425	5.2	64	12.5	38	7.4	36	7.1	74	14.4
ALAMOSA	246	19.6	20	8.1	34	13.8	64	6.7	2	8.1	1	4.1	2	8.1	3	12.1
ARAPAHOE	6414	16.5	505	7.9	775	12.1	1693	4.4	61	9.5	39	6.1	35	5.5	74	11.5
ARCHULETA	96	18.0	5	5.2	8	8.3	40	7.5	1	10.4	1	10.4	1	10.4	2	20.6
BACA	57	12.1	0	.0	3	5.3	56	11.9	0	.0	0	.0	2	35.1	2	33.9
BENT	56	10.0	6	10.7	7	12.5	66	11.8	0	.0	0	.0	0	.0	0	.0
BOULDER	3272	15.1	203	6.2	383	11.7	1007	4.7	22	6.7	15	4.6	21	6.4	36	10.9
CHAFFEE	169	13.7	11	6.5	27	16.0	136	11.0	0	.0	0	.0	0	.0	0	.0
CHEYENNE	35	14.5	0	.0	1	2.9	24	9.9	0	.0	0	.0	1	28.6	1	27.8
CLEAR CREEK	123	15.6	9	7.3	14	11.4	37	4.7	1	8.1	0	.0	0	.0	0	.0
CONEJOS	137	17.3	12	8.8	24	17.5	79	10.0	1	7.3	1	7.3	4	29.2	5	35.5
COSTILLA	39	11.8	5	12.8	8	20.5	36	10.9	0	.0	0	.0	0	.0	0	.0
CROWLEY	51	16.0	8	15.7	11	21.6	42	13.2	0	.0	0	.0	0	.0	0	.0
CUSTER	26	12.2	0	.0	5	19.2	18	8.4	0	.0	0	.0	0	.0	0	.0
DELTA	290	11.9	20	6.9	49	16.9	222	9.1	4	13.8	3	10.3	1	3.4	4	13.7
DENVER	9183	17.9	854	9.3	3090	33.6	4624	9.0	82	8.9	48	5.2	64	7.0	112	12.1
DOLORES	20	13.4	3	15.0	0	.0	11	7.3	1	50.0	0	.0	0	.0	0	.0
DOUGLAS	772	13.1	33	4.3	37	4.8	122	2.9	1	1.3	1	1.3	4	5.2	5	6.4
EAGLE	361	19.1	40	11.1	31	8.6	56	3.0	3	8.3	3	8.3	1	2.8	4	11.0
ELBERT	129	14.8	9	7.0	9	7.0	49	5.6	1	7.8	1	7.8	0	.0	1	7.8
EL PASO	7592	20.1	608	8.0	1085	14.3	2010	5.3	75	9.9	43	5.7	45	5.9	88	11.5
FREMONT	401	13.1	33	8.2	83	20.7	344	11.2	4	10.0	4	10.0	3	7.5	7	17.3
GARFIELD	441	17.1	30	6.8	57	12.9	173	6.7	2	4.5	1	2.3	6	13.6	7	15.7
GILPIN	41	14.6	3	7.3	3	7.3	12	4.3	0	.0	0	.0	0	.0	0	.0
GRAND	157	15.8	15	9.6	21	13.4	30	3.0	3	19.1	0	.0	1	6.4	1	6.3
GUNNISON	149	13.1	11	7.4	14	9.4	51	4.5	2	13.4	1	6.7	2	13.4	3	19.9
HINSDALE	6	15.7	1	16.7	0	.0	3	7.9	0	.0	0	.0	0	.0	0	.0
HUERFANO	83	11.6	5	6.0	16	19.3	80	11.1	0	.0	0	.0	0	.0	0	.0
JACKSON	19	12.0	0	.0	2	10.5	7	4.4	0	.0	0	.0	0	.0	0	.0
JEFFERSON	6811	16.0	475	7.0	784	11.5	2149	5.1	41	6.0	28	4.1	36	5.3	64	9.3
KIOWA	22	12.1	2	9.1	0	.0	15	8.2	0	.0	0	.0	0	.0	0	.0
KIT CARSON	108	13.9	8	7.4	13	12.0	75	9.6	1	9.3	1	9.3	1	9.3	2	18.3
LAKE	94	13.7	10	10.6	14	14.9	35	5.1	1	10.6	0	.0	1	10.6	1	10.5
LA PLATA	460	14.7	22	4.8	67	14.6	204	6.5	3	6.5	0	.0	7	15.2	7	15.0
LARIMER	2784	15.9	177	6.4	325	11.7	1055	6.2	24	8.6	12	4.3	17	6.1	29	10.4
LAS ANIMAS	183	13.1	11	6.0	51	27.9	191	13.6	0	.0	0	.0	0	.0	0	.0
LINCOLN	30	17.5	3	9.7	5	16.3	47	10.3	0	.0	0	.0	0	.0	0	.0
LOGAN	264	13.4	9	3.4	27	10.2	154	7.8	4	15.2	2	7.6	3	11.4	5	18.7
MESA	1343	14.9	95	7.1	205	15.3	717	7.9	11	8.2	9	6.7	5	3.7	14	10.4
MINERAL	12	15.4	0	.0	0	.0	5	6.4	0	.0	0	.0	0	.0	0	.0
MOFFAT	193	15.0	16	8.3	25	13.0	60	4.7	2	10.4	0	.0	1	5.2	1	5.2

BIRTH AND DEATH RATES ARE PER 1000 POPULATION.
INFANT, NEONATAL, AND FETAL (20+ WEEKS GESTATION) MORTALITY RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL MORTALITY RATES ARE NEONATAL AND FETAL DEATHS (20+ WEEKS GESTATION) PER 1000 LIVE BIRTHS AND FETAL DEATHS (20+ WEEKS GESTATION).

(CONTINUED)
RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-3

LIVE BIRTHS, LOW WEIGHT BIRTHS, BIRTHS TO UNMARRIED WOMEN, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION), AND PERINATAL DEATHS, WITH RATES - COLORADO RESIDENTS, 1986

COUNTY	BIRTHS						DEATHS									
	LIVE BIRTHS		LOW WEIGHT BIRTHS		BIRTHS TO UNMARRIED WOMEN		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
MONTEZUMA	310	17.1	21	6.8	65	21.0	149	8.2	5	16.1	5	16.1	3	9.7	8	25.6
MONTROSE	300	11.6	17	5.7	40	13.3	200	7.8	0	.0	0	.0	5	16.7	5	16.4
MORGAN	370	16.2	20	5.4	55	14.9	223	9.8	2	5.4	2	5.4	5	13.5	7	18.7
OTERO	359	16.3	30	8.4	107	29.8	212	9.6	1	2.8	1	2.8	0	.0	1	2.8
OURAY	20	10.1	1	5.0	0	.0	16	8.1	0	.0	0	.0	1	50.0	1	47.6
PARK	122	13.6	14	11.5	13	10.7	25	4.0	1	8.2	1	8.2	4	32.8	5	39.7
PHILLIPS	73	16.3	1	1.4	1	1.4	47	10.5	0	.0	0	.0	0	.0	0	.0
PITKIN	181	14.5	19	10.5	10	5.5	33	2.6	2	11.0	1	5.5	2	11.0	3	16.4
PROWERS	273	19.3	23	8.4	51	18.7	126	8.9	2	7.3	1	3.7	2	7.3	3	10.9
PUEBLO	1761	14.0	147	8.3	569	31.9	1126	8.9	19	10.7	11	6.2	12	6.7	23	12.8
RIO BLANCO	103	17.1	6	5.8	9	8.7	30	5.0	0	.0	0	.0	0	.0	0	.0
RIO GRANDE	219	19.1	24	11.0	45	20.5	95	8.3	5	22.8	4	18.3	6	27.4	10	44.4
ROUTT	206	13.7	16	7.8	27	13.1	55	3.7	2	9.7	0	.0	3	14.6	3	14.4
SAGUACHE	81	21.0	5	6.2	17	21.0	41	10.6	0	.0	0	.0	2	24.7	2	24.1
SAN JUAN	10	13.5	1	10.0	2	20.0	6	8.1	0	.0	0	.0	0	.0	0	.0
SAN MIGUEL	52	14.8	6	11.5	2	3.8	12	3.4	1	19.2	1	19.2	1	19.2	2	37.7
SEDGWICK	36	11.9	3	8.3	7	19.4	27	8.9	0	.0	0	.0	1	27.8	1	27.0
SUMMIT	236	16.6	22	9.3	19	8.1	17	1.2	2	8.5	1	4.2	0	.0	1	4.2
TELLER	209	19.0	18	8.6	15	7.2	58	5.3	0	.0	0	.0	1	4.8	1	4.8
WASHINGTON	77	14.7	4	5.2	3	3.9	52	9.9	0	.0	0	.0	0	.0	0	.0
WELD	2159	15.5	153	7.1	384	17.8	840	6.0	17	7.9	13	6.0	23	10.7	36	16.5
YUMA	145	14.6	9	6.2	12	8.3	104	10.4	0	.0	0	.0	0	.0	0	.0
REGION 1	965	14.8	46	4.8	105	10.9	607	9.3	6	6.2	4	4.1	9	9.3	13	13.3
REGION 2	4943	15.7	330	6.7	709	14.3	1925	6.1	41	8.3	25	5.1	40	8.1	65	13.0
REGION 3	31717	16.9	2500	7.9	6246	19.7	11069	5.9	272	8.6	169	5.3	196	6.2	365	11.4
REGION 4	7923	20.0	640	8.1	1113	14.0	2093	5.3	76	9.6	44	5.6	50	6.3	94	11.8
REGION 5	352	15.0	20	5.7	28	8.0	195	3.3	2	5.7	2	5.7	2	5.7	4	11.3
REGION 6	818	15.9	69	8.4	179	21.9	517	10.0	3	3.7	2	2.4	4	4.9	6	7.3
REGION 7	1761	14.0	147	8.3	569	31.9	1126	8.9	19	10.7	11	6.2	12	6.7	23	12.8
REGION 8	734	18.4	66	9.0	128	17.4	340	8.5	8	10.9	6	8.2	14	19.1	20	26.7
REGION 9	896	15.7	52	5.8	142	15.8	410	7.2	10	11.2	6	6.7	11	12.3	17	18.7
REGION 10	817	12.1	55	6.9	105	12.9	504	7.5	7	8.6	5	6.1	10	12.2	15	18.1
REGION 11	2060	15.4	147	7.1	296	14.2	980	7.3	15	7.2	10	4.8	12	5.8	22	10.5
REGION 12	1160	16.1	112	9.7	110	9.5	198	2.7	12	10.3	5	4.3	7	6.0	12	10.3
REGION 13	690	13.3	54	7.8	129	18.7	533	10.2	5	7.2	4	5.8	4	5.8	8	11.5
REGION 14	266	12.6	16	6.0	67	25.2	271	12.8	0	.0	0	.0	0	.0	0	.0
HSA I	37977	16.7	2896	7.6	7086	18.7	13796	6.1	321	8.5	200	5.3	247	6.5	447	11.7
HSA II	12212	17.8	992	8.1	2185	17.9	4880	7.1	111	9.1	67	5.5	84	6.9	151	12.3
HSA III	4953	14.9	367	7.4	653	13.2	2092	6.3	44	8.9	26	5.2	40	8.1	66	13.2

BIRTH AND DEATH RATES ARE PER 1000 POPULATION.
INFANT, NEONATAL, AND FETAL (20+ WEEKS GESTATION) MORTALITY RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL MORTALITY RATES ARE NEONATAL AND FETAL DEATHS (20+ WEEKS GESTATION) PER 1000 LIVE BIRTHS AND FETAL DEATHS (20+ WEEKS GESTATION).

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-4

FIVE YEAR AVERAGE LIVE BIRTHS, LOW WEIGHT BIRTHS, BIRTHS TO UNMARRIED WOMEN, TOTAL DEATHS, INFANT, NEONATAL FETAL (20+ WEEKS GESTATION), AND PERINATAL DEATHS, WITH RATES - COLORADO RESIDENTS, 1982-1986

COUNTY	BIRTHS						DEATHS									
	LIVE BIRTHS		LOW WEIGHT BIRTHS		BIRTHS TO UNMARRIED WOMEN		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
COLORADO...	54805	17.2	4242.4	7.7	8609.2	15.7	20105	6.3	518.2	9.5	308.2	5.6	432.6	7.9	740.8	13.4
ADAMS	5187.8	19.5	432.2	8.3	1017.4	19.6	1343.2	5.1	51.0	9.8	29.8	5.7	40.8	7.9	70.6	13.5
ALAMOSA ...	251.2	20.1	18.2	7.2	39.2	15.6	86.0	6.9	1.6	6.4	1.2	4.8	2.6	10.4	3.8	15.0
ARAPAHOE ..	6109.0	16.7	439.6	7.2	595.6	9.7	1555.2	4.3	55.2	9.0	32.6	5.3	46.6	7.6	79.2	12.9
ARCHULETA .	96.4	19.4	9.2	9.5	12.8	13.3	23.6	6.0	.6	6.2	.4	4.1	1.6	16.6	2.0	20.4
BACA	79.8	16.1	4.5	5.8	6.6	8.3	55.2	11.1	.4	5.0	.4	5.0	1.4	17.5	1.8	22.2
BENT	79.0	13.5	6.0	7.6	15.0	19.0	64.6	11.1	.8	10.1	.4	5.1	.6	7.6	1.0	12.6
BOULDER ...	3189.8	15.1	186.6	5.8	327.0	10.3	1014.0	4.8	26.8	8.4	15.6	4.9	23.6	7.4	39.2	12.2
CHAFFEE ...	187.8	14.7	15.2	8.1	22.4	11.9	120.4	9.5	1.6	8.5	1.0	5.3	.8	4.3	1.8	9.5
CHEYENNE ..	47.4	20.3	2.2	4.6	1.8	3.8	22.0	9.4	.2	4.2	.2	4.2	.6	12.7	.8	16.7
CLEAR CREEK	144.0	19.1	11.6	8.1	11.4	7.9	38.8	5.1	.6	4.2	.2	1.4	1.0	6.9	1.2	8.3
CONEJOS	153.4	18.8	12.6	8.2	21.8	14.2	61.0	7.5	.6	3.9	.2	1.3	1.6	10.4	1.8	11.6
COSTILLA ..	49.4	15.2	4.6	9.3	10.8	21.9	25.2	7.8	.2	4.0	.0	.0	.2	4.0	.2	4.0
CROWLEY ...	47.6	15.6	4.0	8.4	10.4	21.8	39.4	12.9	.2	4.2	.0	.0	1.2	25.2	1.2	24.6
CUSTER	25.6	13.4	3.2	12.5	2.2	8.6	16.2	8.5	.0	.0	.0	.0	.2	7.8	.2	7.8
DELTA	342.4	14.0	24.6	7.2	43.4	12.7	247.8	10.1	2.8	8.2	1.2	3.5	3.0	8.8	4.2	12.2
DENVER	9054.4	17.8	611.4	9.0	2692.2	29.7	4573.4	9.0	99.0	10.9	61.2	6.8	75.8	8.4	137.0	15.0
DOLORES ...	27.6	16.5	2.4	8.7	3.2	11.6	12.0	7.2	.4	14.5	.0	.0	.2	7.2	.2	7.2
DOUGLAS ...	612.2	16.1	39.4	6.4	28.4	4.6	123.0	3.6	5.8	9.5	2.6	4.2	3.2	5.2	5.8	9.4
EAGLE	373.4	22.1	31.6	8.5	31.4	8.4	45.8	2.7	1.8	4.8	1.0	2.7	2.0	5.4	3.0	8.0
ELBERT	123.2	15.1	8.6	7.0	8.2	6.7	46.2	5.7	.8	6.5	.6	4.9	.8	6.5	1.4	11.3
EL PASO	6888.6	19.4	582.2	8.5	898.6	13.0	1853.0	5.2	67.6	9.8	36.6	5.3	52.2	7.6	89.0	12.8
FREMONT ...	385.4	12.7	32.6	8.5	61.0	15.8	384.6	12.7	4.8	12.5	2.6	6.7	3.0	7.8	5.6	14.4
GARFIELD ..	505.6	20.1	36.4	7.2	43.8	8.7	158.8	6.3	3.8	7.5	2.4	4.7	4.6	9.1	7.0	13.7
GILPIN	50.8	18.7	6.2	12.2	4.2	8.3	13.8	5.1	.2	3.9	.0	.0	.0	.0	.0	.0
GRAND	146.0	15.9	13.4	9.2	13.6	9.3	36.0	3.9	1.8	12.3	.0	.0	.8	5.5	.8	5.4
GUNNISON ..	147.2	13.4	11.0	7.5	8.2	5.6	43.8	4.0	1.4	9.5	.8	5.4	1.2	8.2	2.0	13.5
HINSDALE ..	7.2	15.1	.8	11.1	.0	.0	1.0	2.1	.0	.0	.0	.0	.4	55.6	.4	52.6
HUERFANO...	85.2	12.3	7.2	8.5	21.6	25.4	79.2	11.4	1.4	16.4	.8	9.4	.6	7.0	1.4	16.3
JACKSON ...	24.2	14.4	2.4	9.9	1.6	6.6	8.2	4.9	.0	.0	.0	.0	.2	8.3	.2	8.2
JEFFERSON .	6510.4	15.9	461.8	7.1	637.8	9.8	2072.2	5.1	56.4	8.7	36.0	5.5	45.2	6.9	81.2	12.4
KIOWA	31.0	15.9	2.6	8.4	2.8	9.0	16.4	8.4	.4	12.9	.4	12.9	.2	6.5	.6	19.2
KIT CARSON	128.0	16.0	7.6	5.9	12.0	9.4	76.4	9.6	1.0	7.8	1.0	7.8	1.2	9.4	2.2	17.0
LAKE	128.2	17.6	16.8	13.1	13.2	10.3	34.2	4.7	.8	6.2	.6	4.7	.8	6.2	1.4	10.9
LA PLATA ..	529.2	17.3	36.0	6.8	66.2	12.5	191.2	6.2	6.4	12.1	4.6	8.7	5.4	10.2	10.0	18.7
LARIMER ...	2711.4	16.3	176.8	6.5	235.2	10.5	933.8	5.6	25.2	9.3	15.2	5.6	17.4	6.4	32.6	11.9
LAS ANIMAS	212.0	14.4	17.0	8.0	46.4	21.9	181.0	12.3	1.4	6.6	.6	2.8	2.8	13.2	3.4	15.8
LINCOLN ...	82.6	18.5	4.6	5.6	5.8	7.0	53.6	12.0	.6	7.3	.6	7.3	.2	2.4	.8	9.7
LOGAN	311.2	15.6	18.4	5.9	31.4	10.1	168.4	8.4	2.8	9.0	2.0	6.4	3.2	10.3	5.2	16.5
MESA	1600.8	17.0	109.4	6.8	189.6	11.8	706.0	7.5	13.8	8.6	8.0	5.0	13.4	8.4	21.4	13.3
MINERAL ...	13.0	16.3	.8	6.2	1.0	7.7	4.8	6.0	.2	15.4	.2	15.4	.0	.0	1.2	15.4
MOFFAT	269.8	19.6	22.6	8.4	25.0	9.3	67.0	4.9	2.4	8.9	1.4	5.2	1.8	6.7	3.2	11.8

BIRTH AND DEATH RATES ARE PER 1000 MID-YEAR POPULATION.
INFANT, NEONATAL, AND FETAL (20+ WEEKS GESTATION) MORTALITY RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL MORTALITY RATES ARE NEONATAL AND FETAL DEATHS (20+ WEEKS GESTATION) PER 1000 LIVE BIRTHS AND FETAL DEATHS (20+ WEEKS GESTATION).

(CONTINUED)
RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-4

FIVE YEAR AVERAGE LIVE BIRTHS, LOW WEIGHT BIRTHS, BIRTHS TO UNMARRIED WOMEN, TOTAL DEATHS, INFANT, NEONATAL FETAL (20+ WEEKS GESTATION), AND PERINATAL DEATHS, WITH RATES - COLORADO RESIDENTS, 1982-1986

COUNTY	BIRTHS						DEATHS									
	LIVE BIRTHS		LOW WEIGHT BIRTHS		BIRTHS TO UNMARRIED WOMEN		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	NO.	RATE	NO.	%	NO.	%	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
MONTEZUMA .	344.2	18.4	23.8	6.9	61.0	17.7	134.0	7.2	4.6	13.4	3.6	10.5	1.8	5.2	5.4	15.6
MONTROSE ..	376.4	14.5	27.8	7.4	44.8	11.9	213.0	8.2	2.8	7.4	1.2	3.2	3.8	10.1	5.0	13.2
MORGAN	435.4	18.8	32.4	7.4	51.3	11.9	222.8	9.6	6.8	15.6	4.8	11.0	4.0	9.2	8.8	20.0
OTERO	377.0	17.0	28.4	7.5	92.8	24.6	239.8	10.8	3.6	9.5	2.0	5.3	1.8	4.8	3.8	10.0
OURAY	30.6	14.8	1.6	5.2	1.8	5.9	14.8	7.2	.2	6.5	.2	6.5	.6	19.6	.8	25.6
PARK	123.4	19.7	14.0	11.3	9.8	7.9	25.8	4.1	.6	4.9	.4	3.2	2.8	22.7	3.2	25.4
PHILLIPS ..	65.4	14.6	1.4	2.1	2.6	4.0	55.8	12.5	.0	.0	.0	.0	.4	6.1	.4	6.1
PITKIN	158.8	14.0	16.0	10.1	11.2	7.1	29.2	2.6	1.6	10.1	.8	5.0	1.0	6.3	1.8	11.3
PROWERS ...	304.4	21.6	21.0	6.9	55.6	18.3	127.6	9.1	2.4	7.9	1.2	3.9	2.8	9.2	4.0	13.0
PUEBLO	1904.2	15.1	153.2	8.0	502.0	26.4	1102.8	8.7	20.8	10.9	13.2	6.9	13.4	7.0	26.6	13.9
RIO BLANCO	132.8	20.7	6.8	5.1	9.4	7.1	34.6	5.4	.8	6.0	.0	.0	.8	6.0	.8	6.0
RIO GRANDE	214.6	19.0	22.8	10.6	43.0	20.0	106.8	9.5	1.6	7.5	1.2	5.6	2.8	13.0	4.0	18.4
ROUTT	245.0	16.8	15.4	6.3	15.2	6.2	62.4	4.3	1.4	5.7	.6	2.4	3.2	13.1	3.8	15.3
SAGUACHE ..	87.8	22.1	9.4	10.7	19.4	22.1	33.0	8.3	.4	4.6	.0	.0	.8	9.1	.8	9.0
SAN JUAN ..	24.6	27.2	3.2	13.0	3.2	13.0	5.8	6.4	.0	.0	.0	.0	.0	.0	.0	.0
SAN MIGUEL	56.6	17.9	5.8	10.2	5.6	9.9	11.0	3.5	.6	10.6	.4	7.1	.6	10.6	1.0	17.5
SEDGWICK ..	41.8	12.8	1.4	3.3	5.0	12.0	35.2	10.8	.6	14.4	.4	9.6	.4	9.6	.8	19.0
SUMMIT	226.6	18.0	26.4	11.7	14.8	6.5	21.0	1.7	3.2	14.1	1.6	7.1	1.6	7.1	3.2	14.0
TELLER	181.6	17.6	19.2	10.6	14.2	7.8	56.4	5.5	.6	3.3	.2	1.1	2.6	14.3	2.8	15.2
WASHINGTON	88.0	16.1	3.4	3.9	7.0	8.0	56.0	10.3	.6	6.8	.4	4.5	.6	6.8	1.0	11.3
WELD	2272.8	17.0	166.8	7.3	359.0	15.8	804.4	6.0	21.2	9.3	12.8	5.6	23.0	10.1	35.8	15.6
YUMA	164.0	16.4	7.8	4.8	10.0	6.1	103.8	10.4	1.0	6.1	.6	3.7	1.2	7.3	1.8	10.9
REGION 1 .	1105.8	16.7	64.8	5.9	107.6	9.7	642.0	9.7	11.8	10.7	8.2	7.4	9.8	8.9	18.0	16.1
REGION 2 .	4984.2	16.6	343.6	6.9	644.2	12.9	1743.2	5.8	46.4	9.3	28.0	5.6	40.4	8.1	68.4	13.6
REGION 3 .	30858	17.1	2368.8	7.7	5314.0	17.2	10736	5.9	295.0	9.6	178.0	5.8	236.2	7.7	414.2	13.3
REGION 4 .	7193.6	19.4	615.4	8.6	922.6	12.8	1935.2	5.2	68.8	9.6	37.4	5.2	57.6	8.0	95.0	13.1
REGION 5 .	381.2	16.6	23.0	6.0	27.8	7.3	198.2	8.6	2.6	6.8	2.4	6.3	2.8	7.3	5.2	13.5
REGION 6 .	918.8	17.7	66.6	7.2	183.2	19.9	543.0	10.4	7.8	8.5	4.4	4.8	8.0	8.7	12.4	13.4
REGION 7 .	1904.2	15.1	153.2	8.0	502.0	26.4	1102.8	8.7	20.8	10.9	13.2	6.9	13.4	7.0	26.6	13.9
REGION 8 .	769.4	19.3	68.4	8.9	135.2	17.6	316.8	7.9	4.6	6.0	2.8	3.6	8.0	10.4	10.8	13.9
REGION 9 .	1022.0	18.0	74.6	7.3	146.4	14.3	372.6	6.6	12.0	11.7	8.6	8.4	9.0	8.8	17.6	17.1
REGION 10 .	960.4	14.3	71.6	7.5	103.8	10.8	531.4	7.9	7.3	8.1	3.8	4.0	9.6	10.0	13.4	13.8
REGION 11 .	2509.0	18.0	175.2	7.0	267.8	10.7	966.4	6.9	20.8	8.3	11.8	4.7	20.6	8.2	32.4	12.8
REGION 12 .	1174.0	17.7	105.2	9.0	87.8	7.5	202.6	3.1	9.8	8.3	4.0	3.4	8.8	7.5	12.8	10.8
REGION 13 .	727.0	13.9	67.8	9.3	98.8	13.6	555.4	10.6	7.2	9.9	4.2	5.8	4.8	6.6	9.0	12.3
REGION 14 .	297.2	13.7	24.2	8.1	68.0	22.9	260.2	12.0	2.8	9.4	1.4	4.7	3.4	11.4	4.8	16.0
HSA I	37330	17.0	2820.2	7.6	6093.6	16.3	13319	6.1	355.8	9.5	216.6	5.8	289.2	7.7	505.8	13.4
HSA II	11810	17.8	995.6	8.4	1909.8	16.2	4713.4	7.1	112.0	9.5	63.4	5.4	95.2	8.1	158.6	13.3
HSA III ...	5665.4	17.2	426.6	7.5	605.8	10.7	2073.0	6.3	50.4	8.9	28.2	5.0	48.0	8.5	76.2	13.3

BIRTH AND DEATH RATES ARE PER 1000 MID-YEAR POPULATION.
INFANT, NEONATAL, AND FETAL (20+ WEEKS GESTATION) MORTALITY RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL MORTALITY RATES ARE NEONATAL AND FETAL DEATHS (20+ WEEKS GESTATION) PER 1000 LIVE BIRTHS AND FETAL DEATHS (20+ WEEKS GESTATION).

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A - TABLE A-5

LIVE BIRTHS, LOW WEIGHT BIRTHS, BIRTHS TO UNMARRIED WOMEN, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION), AND PERINATAL DEATHS, WITH PERCENTAGE OF TOTAL - COLORADO OCCURRENCE, 1986

COUNTY	BIRTHS						DEATHS									
	LIVE BIRTHS		LOW WEIGHT BIRTHS		BIRTHS TO UNMARRIED WOMEN		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
C O L O R A D O	55556	100	4364	100	9952	100	21260	100	537	100	336	100	384	100	720	100
ADAMS	3219	5.8	257	5.9	457	4.6	1146	5.4	30	5.6	13	3.9	17	4.4	30	4.2
ALAMOSA	430	.8	28	.6	62	.6	91	.4	1	.2	0	.0	6	1.6	6	.8
ARAPAHOE	6487	11.7	399	9.1	529	5.3	1473	6.9	38	7.1	17	5.1	37	9.6	54	7.5
ARCHULETA	7	.0	0	.0	0	.0	24	.1	0	.0	0	.0	0	.0	0	.0
BACA	36	.1	0	.0	3	.0	45	.2	0	.0	0	.0	0	.0	0	.0
BENT	1	.0	0	.0	0	.0	78	.4	0	.0	0	.0	0	.0	0	.0
BOULDER	3072	5.5	168	3.8	324	3.3	895	4.2	11	2.0	7	2.1	17	4.4	24	3.3
CHAFFEE	209	.4	13	.3	36	.4	133	.6	0	.0	0	.0	1	.3	1	.1
CHEYENNE	10	.0	2	.0	1	.0	19	.1	0	.0	0	.0	0	.0	0	.0
CLEAR CREEK	0	.0	0	.0	0	.0	17	.1	0	.0	0	.0	0	.0	0	.0
CONEJOS	94	.2	7	.2	13	.2	65	.3	1	.2	1	.3	3	.8	4	.6
COSTILLA	1	.0	0	.0	0	.0	17	.1	0	.0	0	.0	0	.0	0	.0
CROWLEY	0	.0	0	.0	0	.0	27	.1	0	.0	0	.0	0	.0	0	.0
CUSTER	0	.0	0	.0	0	.0	7	.0	0	.0	0	.0	0	.0	0	.0
DELTA	282	.5	17	.4	54	.5	178	.8	1	.2	1	.3	0	.0	1	.1
DENVER	18127	32.6	1861	42.6	4975	50.0	6070	28.6	297	55.3	214	63.7	134	34.9	348	48.3
DOLORES	1	.0	0	.0	0	.0	2	.0	1	.2	0	.0	0	.0	0	.0
DOUGLAS	3	.0	0	.0	0	.0	56	.3	1	.2	1	.3	0	.0	1	.1
EAGLE	338	.6	23	.5	31	.3	32	.2	0	.0	0	.0	1	.3	1	.1
ELBERT	3	.0	0	.0	0	.0	23	.1	0	.0	0	.0	1	.3	1	.1
EL PASO	7833	14.1	637	14.6	1103	11.1	2063	9.7	68	12.7	42	12.5	50	13.0	92	12.8
FREMONT	305	.5	21	.5	73	.7	290	1.4	2	.4	2	.6	2	.5	4	.6
GARFIELD	522	.9	34	.8	51	.5	144	.7	2	.4	1	.3	5	1.3	6	.8
GILPIN	0	.0	0	.0	0	.0	10	.0	0	.0	0	.0	0	.0	0	.0
GRAND	121	.2	7	.2	14	.1	30	.1	3	.6	0	.0	1	.3	1	.1
GUNNISON	139	.3	10	.2	14	.1	57	.3	2	.4	1	.3	0	.0	1	.1
HINSDALE	1	.0	0	.0	0	.0	3	.0	0	.0	0	.0	0	.0	0	.0
HUERFANO	41	.1	1	.0	13	.1	60	.3	0	.0	0	.0	0	.0	0	.0
JACKSON	3	.0	0	.0	0	.0	4	.0	0	.0	0	.0	0	.0	0	.0
JEFFERSON	2126	3.8	140	3.2	151	1.5	2171	10.2	12	2.2	8	2.4	14	3.6	22	3.1
KIOWA	13	.0	0	.0	1	.0	13	.1	0	.0	0	.0	0	.0	0	.0
KIT CARSON	134	.2	6	.2	11	.1	64	.3	0	.0	0	.0	2	.5	2	.3
LAKE	80	.1	9	.2	12	.1	27	.1	1	.2	0	.0	1	.3	1	.1
LA PLATA	801	1.4	40	.9	105	1.1	245	1.2	3	.6	1	.3	11	2.9	12	1.7
LARIMER	2939	5.3	159	3.6	324	3.3	1081	5.1	18	3.4	6	1.8	18	4.7	24	3.3
LAS ANIMAS	152	.3	11	.3	48	.5	153	.7	0	.0	0	.0	0	.0	0	.0
LINCOLN	95	.2	3	.1	5	.1	33	.2	0	.0	0	.0	0	.0	0	.0
LOGAN	273	.5	9	.2	31	.3	146	.7	3	.6	1	.3	4	1.0	5	.7
MESA	1489	2.7	110	2.5	219	2.2	824	3.9	11	2.0	8	2.4	7	1.8	15	2.1
MINERAL	0	.0	0	.0	0	.0	3	.0	0	.0	0	.0	0	.0	0	.0
MOFFAT	185	.3	11	.3	27	.3	58	.3	3	.6	0	.0	1	.3	1	.1
MONTEZUMA	244	.4	13	.3	44	.4	139	.7	2	.4	2	.6	5	1.3	7	1.0
MONTROSE	268	.5	8	.2	25	.3	194	.9	0	.0	0	.0	5	1.3	5	.7

(CONTINUED)
A-5

APPENDIX A , TABLE A-5

LIVE BIRTHS, LOW WEIGHT BIRTHS, BIRTHS TO UNMARRIED WOMEN, TOTAL DEATHS, INFANT, NEONATAL, FETAL (20+ WEEKS GESTATION), AND PERINATAL DEATHS, WITH PERCENTAGE OF TOTAL - COLORADO OCCURRENCE, 1986

COUNTY	BIRTHS						DEATHS									
	LIVE BIRTHS		LOW WEIGHT BIRTHS		BIRTHS TO UNMARRIED WOMEN		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
MORGAN	340	.6	16	.4	50	.5	209	1.0	0	.0	0	.0	4	1.0	4	.6
OTERO	450	.8	32	.7	118	1.2	207	1.0	0	.0	0	.0	0	.0	0	.0
OURAY	2	.0	0	.0	0	.0	10	.0	0	.0	0	.0	0	.0	0	.0
PARK	1	.0	1	.0	1	.0	27	.1	0	.0	0	.0	0	.0	0	.0
PHILLIPS	68	.1	1	.0	1	.0	39	.2	0	.0	0	.0	0	.0	0	.0
PITKIN	196	.4	16	.4	16	.2	46	.2	1	.2	0	.0	2	.5	2	.3
PROWERS	258	.5	17	.4	53	.5	101	.5	1	.2	0	.0	4	1.0	4	.5
PUEBLO	1875	3.4	135	3.1	571	5.7	1193	5.6	10	1.9	5	1.5	11	2.9	16	2.2
RIO BLANCO	63	.1	4	.1	10	.1	34	.2	0	.0	0	.0	0	.0	0	.0
RIO GRANDE	194	.3	17	.4	41	.4	104	.5	3	.6	2	.6	4	1.0	6	.8
ROUTT	208	.4	12	.3	25	.3	59	.3	3	.6	0	.0	4	1.0	4	.6
SAGUACHE	2	.0	0	.0	0	.0	15	.1	0	.0	0	.0	0	.0	0	.0
SAN JUAN	0	.0	0	.0	0	.0	6	.0	0	.0	0	.0	0	.0	0	.0
SAN MIGUEL	9	.0	0	.0	0	.0	6	.0	0	.0	0	.0	0	.0	0	.0
SEDGWICK	26	.0	1	.0	5	.1	34	.2	0	.0	0	.0	0	.0	0	.0
SUMMIT	7	.0	0	.0	1	.0	32	.2	2	.4	1	.3	0	.0	1	.1
TELLER	3	.0	0	.0	0	.0	37	.2	0	.0	0	.0	0	.0	0	.0
WASHINGTON	32	.1	1	.0	3	.0	34	.2	0	.0	0	.0	0	.0	0	.0
WELD	1635	2.9	102	2.3	281	2.8	762	3.6	6	1.1	2	.6	13	3.4	15	2.1
YUMA	103	.2	3	.1	6	.1	93	.4	0	.0	0	.0	0	.0	0	.0
REGION 1	842	1.5	31	.7	96	1.0	555	2.6	3	.6	1	.3	8	2.1	9	1.2
REGION 2	4574	8.2	261	6.0	605	6.1	1843	8.7	24	4.5	8	2.4	31	8.1	39	5.4
REGION 3	33034	59.5	2825	64.7	6440	64.7	11809	55.7	389	72.4	260	77.4	219	57.0	479	66.5
REGION 4	7837	14.1	638	14.6	1110	11.2	2127	10.0	68	12.7	42	12.5	50	13.0	92	12.8
REGION 5	242	.4	13	.3	17	.2	141	.7	0	.0	0	.0	2	.5	2	.3
REGION 6	758	1.4	49	1.1	175	1.8	471	2.2	1	.2	0	.0	4	1.0	4	.6
REGION 7	1875	3.4	135	3.1	571	5.7	1193	5.6	10	1.9	5	1.5	11	2.9	16	2.2
REGION 8	721	1.3	52	1.2	121	1.2	295	1.4	5	.9	3	.9	13	3.4	16	2.2
REGION 9	1053	1.9	53	1.2	149	1.5	416	2.0	6	1.1	3	.9	16	4.2	19	2.6
REGION 10	701	1.3	35	.8	93	.9	443	2.1	3	.6	2	.6	5	1.3	7	1.0
REGION 11	2259	4.1	159	3.6	306	3.1	1060	5.0	16	3.0	9	2.7	13	3.4	22	3.1
REGION 12	873	1.6	58	1.3	87	.9	203	1.0	9	1.7	1	.3	8	2.1	9	1.2
REGION 13	594	1.1	43	1.0	121	1.2	457	2.1	3	.6	2	.6	4	1.0	6	.8
REGION 14	193	.3	12	.3	61	.6	213	1.0	0	.0	0	.0	0	.0	0	.0
HSA I	38692	69.6	3130	71.7	7158	71.9	14377	67.6	416	77.5	269	80.1	260	67.7	529	73.5
HSA II	11978	21.6	929	21.3	2159	21.7	4756	22.4	87	16.2	52	15.5	82	21.4	134	18.6
HSA III	4886	8.8	303	7.0	635	6.4	2127	10.0	34	6.3	15	4.5	42	10.9	57	7.9

APPENDIX A , TABLE A-6
FERTILITY AND REPORTED PREGNANCY RATES, WITH SELECTED BIRTH STATISTICS - COLORADO RESIDENTS, 1986

COUNTY	WOMEN AGES 15-44	FERTILITY RATE	PREGNANCY TOTAL	PREGNANCY LIVE BIRTHS	PREGNANCY FETALS 20+ WKS	PREGNANCY INDUCED ABORTION	PREGNANCY RATE	CHARACTERISTICS OF MOTHERS % FIRST BORN	% UNDER AGE 25	% 12+ YRS EDUC
COLORADO	834450	66.1	68817	55142	371	13304	82.5	42.0	38.4	81.9
ADAMS	69727	73.2	6324	5101	36	1187	90.7	40.9	49.2	75.5
ALAMOSA	3078	79.9	267	246	2	19	86.7	40.2	45.9	81.7
ARAPAHOE	103564	61.9	8035	6414	35	1586	77.6	44.2	29.1	90.6
ARCHULETA	1170	82.1	118	96	1	21	100.9	41.7	34.4	84.4
BACA	894	63.8	66	57	2	7	73.8	17.5	47.4	82.5
BENT	1090	51.4	60	56	0	4	55.0	37.5	48.2	69.6
BOULDER	60157	54.4	4834	3272	21	1541	80.4	41.4	28.0	85.4
CHAFFEE	2649	63.8	185	169	0	16	69.8	42.0	40.8	77.5
CHEYENNE	463	75.6	41	35	1	5	88.6	20.0	37.1	91.4
CLEAR CREEK	1871	65.7	147	123	0	24	78.6	44.7	23.6	91.9
CONEJOS	1674	81.8	144	137	4	3	86.0	32.1	45.3	84.7
COSTILLA	702	55.6	43	39	0	4	61.3	41.0	35.9	66.7
CROWLEY	619	82.4	53	51	0	2	85.6	31.4	51.0	64.7
CUSTER	467	55.7	30	26	0	4	64.2	38.5	50.0	88.5
DELTA	4939	58.7	318	290	1	27	64.4	34.6	44.5	78.6
DENVER	128375	71.5	11958	9183	64	2711	93.1	44.7	42.9	69.3
DOLORES	295	67.8	21	20	0	1	71.2	25.0	40.0	85.0
DOUGLAS	11630	66.4	884	772	4	108	76.0	38.7	22.0	95.1
EAGLE	5531	65.3	425	361	1	63	76.8	46.5	24.4	90.6
ELBERT	2210	58.4	144	129	0	15	65.2	38.8	31.0	86.8
EL PASO	93659	80.9	9271	7592	45	1634	98.8	43.7	44.9	86.8
FREMONT	6130	65.4	431	401	3	27	70.3	41.1	49.1	74.1
GARFIELD	6286	70.2	518	441	6	71	82.4	39.2	35.8	86.8
GILPIN	680	60.3	50	41	0	9	73.5	26.8	22.0	90.2
GRAND	2710	57.9	183	157	1	25	67.5	50.3	31.2	83.4
GUNNISON	3275	45.5	223	149	2	72	68.1	43.0	20.8	93.3
HINSDALE	75	80.0	10	6	0	4	133.3	33.3	.0	83.3
HUERFANO.....	1436	57.8	95	83	0	12	66.2	43.4	39.8	86.7
JACKSON	345	55.1	22	19	0	3	63.8	42.1	52.6	68.4
JEFFERSON	110222	61.8	8469	6811	36	1622	76.8	42.8	29.5	89.0
KIOWA	289	76.1	23	22	0	1	79.6	40.9	68.2	95.5
KIT CARSON	1616	66.8	117	108	1	8	72.4	31.5	38.9	80.6
LAKE	1619	58.1	115	94	1	20	71.0	41.5	37.2	80.9
LA PLATA	8300	55.4	661	460	7	194	79.6	39.3	35.2	84.6
LARIMER	48024	53.0	3216	2784	17	415	67.0	42.6	31.8	87.9
LAS ANIMAS	2786	65.7	188	183	0	5	67.5	34.4	49.7	80.3
LINCOLN	873	91.6	84	80	0	4	96.2	33.7	45.0	92.5
LOGAN	4374	60.4	316	264	3	49	72.2	35.2	38.6	85.6
MESA	21331	63.0	1576	1343	5	228	73.9	38.6	41.2	78.1
MINERAL	168	71.4	14	12	0	2	83.3	33.3	66.7	83.3
MOFFAT	3045	63.4	209	193	1	15	68.6	30.6	41.5	80.3

FERTILITY RATE IS LIVE BIRTHS PER 1000 WOMEN AGED 15-44 YEARS.
REPORTED PREGNANCY RATE IS LIVE BIRTHS, FETAL DEATHS (20+ WEEKS GESTATION), AND INDUCED ABORTIONS PER 1000 WOMEN AGED 15-44 YEARS.

(CONTINUED)
RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-6
FERTILITY AND REPORTED PREGNANCY RATES, WITH SELECTED BIRTH STATISTICS - COLORADO RESIDENTS, 1986

COUNTY			PREGNANCY					CHARACTERISTICS OF MOTHERS		
	WOMEN AGES 15-44	FERTILITY RATE	TOTAL	LIVE BIRTHS	FETALS 20+ WKS	INDUCED ABORTION	RATE	% FIRST BORN	% UNDER AGE 25	% 12+ YRS EDUC
MONTEZUMA	3981	77.9	367	310	3	54	92.2	31.0	45.8	74.5
MONTROSE	5573	53.8	381	300	5	76	68.4	36.7	43.3	78.3
MORGAN	4871	76.0	446	370	5	71	91.6	33.2	45.1	73.8
OTERO	4632	77.5	398	359	0	39	85.9	37.6	57.9	67.7
OURAY	449	44.5	33	20	1	12	73.5	35.0	30.0	85.0
PARK	1557	78.4	137	122	4	11	88.0	43.4	28.7	88.5
PHILLIPS	856	85.3	74	73	0	1	86.4	24.7	37.0	91.8
PITKIN	3966	45.6	216	181	2	33	54.5	53.0	15.5	92.3
PROWERS	3057	89.3	302	273	2	27	98.8	32.6	49.1	69.6
PUEBLO	29085	61.2	2014	1781	12	221	69.2	39.8	48.5	77.4
RIO BLANCO	1321	78.0	112	103	0	9	84.8	35.0	36.9	81.6
RIO GRANDE	2435	89.9	243	219	6	18	99.8	34.7	48.9	72.1
ROUTT	4170	49.4	302	206	3	93	72.4	41.7	26.7	89.8
SAGUACHE	769	105.3	85	81	2	2	110.5	34.6	54.3	66.7
SAN JUAN	171	58.5	16	10	0	6	93.6	60.0	30.0	90.0
SAN MIGUEL	945	55.0	90	52	1	37	95.2	42.3	17.3	92.3
SEDGWICK	560	64.3	44	36	1	7	78.6	44.4	38.9	94.4
SUMMIT	4373	54.0	322	236	0	86	73.6	52.5	22.9	95.3
TELLER	2830	73.9	238	209	1	28	84.1	38.8	23.4	93.3
WASHINGTON	1007	76.5	87	77	0	10	86.4	28.6	40.3	85.7
WELD	36439	59.2	2856	2159	23	674	78.4	38.0	45.3	73.5
YUMA	2008	72.2	164	145	0	19	81.7	26.9	40.7	86.2
REGION 1	13676	70.6	1131	965	9	157	82.7	32.2	41.5	82.0
REGION 2	84463	58.5	6072	4943	40	1089	71.9	40.6	37.7	81.6
REGION 3	486226	65.2	40701	31717	196	8788	83.7	43.1	36.1	81.3
REGION 4	98246	80.6	9646	7923	50	1673	98.2	43.6	44.1	87.0
REGION 5	5162	68.2	386	352	2	32	74.8	33.5	37.2	86.6
REGION 6	10581	77.3	902	818	4	80	85.2	34.2	53.4	70.0
REGION 7	29085	61.2	2014	1781	12	221	69.2	39.8	48.5	77.4
REGION 8	8826	83.2	796	734	14	48	90.2	36.4	47.4	77.0
REGION 9	13917	64.4	1183	896	11	276	85.0	36.6	38.8	81.1
REGION 10	15256	53.6	1055	817	10	228	69.2	37.5	37.3	82.3
REGION 11	31983	65.0	2415	2080	12	323	75.5	37.8	39.9	80.3
REGION 12	21095	55.0	1470	1160	7	303	69.7	48.4	24.5	90.3
REGION 13	10865	63.5	761	690	4	67	70.0	41.3	45.5	76.4
REGION 14	4222	63.0	283	266	0	17	67.0	37.2	46.6	82.3
HSA I	589527	64.4	48290	37977	247	10066	81.9	42.4	36.3	81.4
HSA II	161825	75.5	14402	12212	84	2106	89.0	41.7	45.7	83.2
HSA III	82251	60.2	6123	4953	40	1130	74.4	40.0	35.7	83.1

FERTILITY RATE IS LIVE BIRTHS PER 1000 WOMEN AGED 15-44 YEARS.
REPORTED PREGNANCY RATE IS LIVE BIRTHS, FETAL DEATHS (20+ WEEKS GESTATION), AND INDUCED ABORTIONS PER 1000 WOMEN AGED 15-44 YEARS.

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A, TABLE A-7
LIVE BIRTHS BY AGE GROUP OF MOTHER - COLORADO RESIDENTS, 1986

COUNTY	TOTAL	AGE OF MOTHER (YEARS)																
		< 15		15-19		20-24		25-29		30-34		35-39		40-44		45+		N.S.
	NO.	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.
COLORADO ...	55142	83	.2	5562	10.1	15546	28.2	18078	32.8	11634	21.1	3824	6.9	404	.7	8	.0	3
ADAMS	5101	13	.3	662	13.0	1837	36.0	1627	31.9	748	14.7	190	3.7	23	.5	0	.0	1
ALAMOSA	246	0	.0	35	14.2	78	31.7	66	26.8	53	21.5	11	4.5	3	1.2	0	.0	0
ARAPAHOE	6414	2	.0	397	6.2	1470	22.9	2263	35.3	1652	25.8	567	8.8	63	1.0	0	.0	0
ARCHULETA	96	0	.0	9	9.4	24	25.0	36	37.5	21	21.9	4	4.2	2	2.1	0	.0	0
BACA	57	0	.0	2	3.5	25	43.9	20	35.1	8	14.0	2	3.5	0	.0	0	.0	0
BENT	56	0	.0	11	19.6	16	28.6	21	37.5	7	12.5	1	1.8	0	.0	0	.0	0
BOULDER	3272	2	.1	203	6.2	711	21.7	1119	34.2	854	26.1	343	10.5	40	1.2	0	.0	0
CHAFFEE	169	0	.0	24	14.2	45	26.6	53	31.4	32	18.9	14	8.3	1	.6	0	.0	0
CHEYENNE	35	0	.0	3	8.6	10	28.6	13	37.1	7	20.0	2	5.7	0	.0	0	.0	0
CLEAR CREEK	123	0	.0	4	3.3	25	20.3	35	28.5	41	33.3	17	13.8	1	.8	0	.0	0
CONEJOS	137	0	.0	20	14.6	42	30.7	48	35.0	21	15.3	5	3.6	1	.7	0	.0	0
COSTILLA	39	0	.0	4	10.3	10	25.6	15	38.5	7	17.9	3	7.7	0	.0	0	.0	0
CROWLEY	51	1	2.0	12	23.5	13	25.5	15	29.4	10	19.6	0	.0	0	.0	0	.0	0
CUSTER	26	0	.0	4	15.4	9	34.6	6	23.1	3	11.5	4	15.4	0	.0	0	.0	0
DELTA	290	0	.0	40	13.8	89	30.7	86	29.7	48	16.6	20	6.9	7	2.4	0	.0	0
DENVER	9183	39	.4	1268	13.8	2628	28.6	2655	28.9	1838	20.0	687	7.5	67	.7	0	.0	1
DOLORES	20	0	.0	1	5.0	7	35.0	5	25.0	3	15.0	2	10.0	2	10.0	0	.0	0
DOUGLAS	772	1	.1	21	2.7	148	19.2	277	35.9	239	31.0	83	10.8	3	.4	0	.0	0
EAGLE	361	0	.0	19	5.3	69	19.1	127	35.2	96	26.6	46	12.7	4	1.1	0	.0	0
ELBERT	129	0	.0	7	5.5	33	25.8	46	35.9	27	21.1	15	11.7	0	.0	0	.0	1
EL PASO	7592	9	.1	797	10.5	2605	34.3	2442	32.2	1314	17.3	392	5.2	32	.4	1	.0	0
FREMONT	401	0	.0	63	15.7	134	33.4	124	30.9	57	14.2	21	5.2	2	.5	0	.0	0
GARFIELD	441	0	.0	41	9.3	117	26.5	126	28.6	110	24.9	41	9.3	5	1.1	1	.2	0
GILPIN	41	0	.0	1	2.4	8	19.5	17	41.5	11	26.8	4	9.8	0	.0	0	.0	0
GRAND	157	0	.0	15	9.6	34	21.7	56	35.7	40	25.5	11	7.0	1	.6	0	.0	0
GUNNISON	149	0	.0	5	3.4	26	17.4	56	37.6	46	30.9	15	10.1	1	.7	0	.0	0
HINSDALE	6	0	.0	0	.0	0	.0	3	50.0	2	33.3	1	16.7	0	.0	0	.0	0
HUERFANO	83	0	.0	8	9.6	25	30.1	27	32.5	20	24.1	2	2.4	1	1.2	0	.0	0
JACKSON	19	0	.0	3	15.8	7	36.8	5	26.3	4	21.1	0	.0	0	.0	0	.0	0
JEFFERSON	6811	3	.0	434	6.4	1573	23.1	2452	36.0	1749	25.7	543	8.0	54	.8	3	.0	0
KIOWA	22	0	.0	1	4.5	14	63.6	3	13.6	3	13.6	1	4.5	0	.0	0	.0	0
KIT CARSON	108	0	.0	11	10.2	31	28.7	37	34.3	21	19.4	7	6.5	1	.9	0	.0	0
LAKE	94	1	1.1	15	16.0	19	20.2	34	36.2	18	19.1	7	7.4	0	.0	0	.0	0
LA PLATA	460	1	.2	36	7.8	125	27.2	151	32.8	109	23.7	32	7.0	6	1.3	0	.0	0
LARIMER	2784	2	.1	208	7.5	674	24.2	994	35.7	694	24.9	195	7.0	17	.6	0	.0	0
LAS ANIMAS	183	0	.0	31	16.9	60	32.8	47	25.7	28	15.3	14	7.7	3	1.6	0	.0	0
LINCOLN	80	0	.0	5	6.3	31	38.7	27	33.7	11	13.7	6	7.5	0	.0	0	.0	0
LOGAN	264	0	.0	22	8.3	80	30.3	106	40.2	42	15.9	12	4.5	2	.8	0	.0	0
MESA	1343	3	.2	157	11.7	393	29.3	436	32.5	263	19.6	84	6.3	7	.5	0	.0	0
MINERAL	12	0	.0	2	16.7	6	50.0	1	8.3	2	16.7	1	8.3	0	.0	0	.0	0
MOFFAT	193	0	.0	18	9.3	62	32.1	75	38.9	30	15.5	8	4.1	0	.0	0	.0	0
MONTEZUMA	310	0	.0	37	11.9	105	33.9	98	31.6	58	18.7	12	3.9	0	.0	0	.0	0
MONTROSE	300	0	.0	48	16.0	82	27.3	99	33.0	50	16.7	20	6.7	1	.3	0	.0	0

PERCENTAGES SHOWN ARE OF COUNTY TOTALS.

(CONTINUED)
N.S. = NOT STATED

APPENDIX A , TABLE A-7
LIVE BIRTHS BY AGE GROUP OF MOTHER - COLORADO RESIDENTS, 1986

COUNTY	TOTAL	AGE OF MOTHER (YEARS)																N.S.
		< 15		15-19		20-24		25-29		30-34		35-39		40-44		45+		
	NO.	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.	%	NO.
MORGAN	370	0	.0	42	11.4	125	33.8	127	34.3	63	17.0	10	2.7	3	.8	0	.0	0
OTERO	359	0	.0	66	18.4	142	39.6	87	24.2	43	12.0	19	5.3	2	.6	0	.0	0
OURAY	20	0	.0	1	5.0	5	25.0	8	40.0	3	15.0	3	15.0	0	.0	0	.0	0
PARK	122	0	.0	7	5.7	28	23.0	35	28.7	29	23.8	22	18.0	1	.8	0	.0	0
PHILLIPS	73	0	.0	3	4.1	24	32.9	30	41.1	14	19.2	1	1.4	1	1.4	0	.0	0
PITKIN	181	0	.0	5	2.8	23	12.7	54	29.8	57	31.5	37	20.4	5	2.8	0	.0	0
PROWERS	273	0	.0	44	16.1	90	33.0	96	35.2	31	11.4	11	4.0	1	.4	0	.0	0
PUEBLO	1781	3	.2	290	16.3	570	32.0	522	29.3	300	16.6	85	4.8	11	.6	0	.0	0
RIO BLANCO	103	0	.0	7	6.8	31	30.1	37	35.9	19	18.4	7	6.8	2	1.9	0	.0	0
RIO GRANDE	219	1	.5	38	17.4	68	31.1	65	29.7	35	16.0	11	5.0	1	.5	0	.0	0
ROUTT	206	0	.0	13	6.3	42	20.4	60	29.1	69	33.5	21	10.2	1	.5	0	.0	0
SAGUACHE	81	0	.0	14	17.3	30	37.0	20	24.7	12	14.8	2	2.5	2	2.5	1	1.2	0
SAN JUAN	10	0	.0	2	20.0	1	10.0	4	40.0	1	10.0	2	20.0	0	.0	0	.0	0
SAN MIGUEL	52	0	.0	3	5.8	6	11.5	16	30.8	16	30.8	10	19.2	1	1.9	0	.0	0
SEDGWICK	36	0	.0	0	.0	14	38.9	13	36.1	6	16.7	3	8.3	0	.0	0	.0	0
SUMMIT	236	0	.0	4	1.7	50	21.2	85	36.0	77	32.6	16	6.8	4	1.7	0	.0	0
TELLER	209	0	.0	9	4.3	40	19.1	78	37.3	63	30.1	16	7.7	3	1.4	0	.0	0
WASHINGTON	77	0	.0	4	5.2	27	35.1	23	29.9	16	20.8	6	7.8	1	1.3	0	.0	0
WELD	2159	2	.1	295	13.7	682	31.6	720	33.3	352	16.3	91	4.2	15	.7	2	.1	0
YUMA	145	0	.0	11	7.6	48	33.1	49	33.8	31	21.4	6	4.1	0	.0	0	.0	0
REGION 1	965	0	.0	82	8.5	318	33.0	348	36.1	172	17.8	38	3.9	7	.7	0	.0	0
REGION 2	4943	4	.1	503	10.2	1356	27.4	1714	34.7	1046	21.2	286	5.8	32	.6	2	.0	0
REGION 3	31717	60	.2	2990	9.4	8400	26.5	10445	32.9	7132	22.5	2434	7.7	251	.8	3	.0	2
REGION 4	7923	9	.1	813	10.3	2673	33.7	2555	32.2	1406	17.7	430	5.4	36	.5	1	.0	0
REGION 5	352	0	.0	26	7.4	105	29.9	123	35.0	66	18.8	30	8.5	1	.3	0	.0	1
REGION 6	818	1	.1	136	16.6	300	36.7	242	29.6	102	12.5	34	4.2	3	.4	0	.0	0
REGION 7	1781	3	.2	290	16.3	570	32.0	522	29.3	300	16.8	85	4.8	11	.6	0	.0	0
REGION 8	734	1	.1	113	15.4	234	31.9	215	29.3	130	17.7	33	4.5	7	1.0	1	.1	0
REGION 9	896	1	.1	85	9.5	262	29.2	294	32.8	192	21.4	52	5.8	10	1.1	0	.0	0
REGION 10	817	0	.0	97	11.9	208	25.5	268	32.8	165	20.2	69	8.4	10	1.2	0	.0	0
REGION 11	2080	3	.1	223	10.7	603	29.0	674	32.4	422	20.3	140	6.7	14	.7	1	.0	0
REGION 12	1160	0	.0	59	5.1	225	19.4	387	33.4	343	29.6	131	11.3	15	1.3	0	.0	0
REGION 13	690	1	.1	106	15.4	207	30.0	217	31.4	110	15.9	46	6.7	3	.4	0	.0	0
REGION 14	266	0	.0	39	14.7	85	32.0	74	27.8	48	18.0	16	6.0	4	1.5	0	.0	0
HSA I	37977	64	.2	3601	9.5	10179	26.8	12630	33.3	8416	22.2	2788	7.3	291	.8	5	.0	3
HSA II	12212	15	.1	1497	12.3	4069	33.3	3825	31.3	2096	17.2	644	5.3	64	.5	2	.0	0
HSA III	4953	4	.1	464	9.4	1298	26.2	1623	32.8	1122	22.7	392	7.9	49	1.0	1	.0	0

PERCENTAGES SHOWN ARE OF COUNTY TOTALS.

N.S. = NOT STATED

APPENDIX A, TABLE A-8
TOTAL BIRTHS BY RACE, SPANISH ORIGIN, AND SEX OF CHILD - COLORADO RESIDENTS, 1986

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
C O L O R A D O ...	55142	28138	27004	50172	25650	24522	42263	21596	20667	7909	4054	3855	4832	2421	2411
ADAMS	5101	2574	2527	4697	2371	2326	3772	1917	1855	925	454	471	392	199	193
ALAMOSA	246	130	116	231	124	107	134	71	63	97	53	44	14	5	9
ARAPAHOE	6414	3304	3110	5746	2960	2786	5478	2807	2671	268	153	115	659	336	323
ARCHULETA	96	56	40	93	53	40	75	40	35	18	13	5	3	3	0
BACA	57	27	30	57	27	30	52	24	28	5	3	2	0	0	0
BENT	56	24	32	56	24	32	41	15	26	15	9	6	0	0	0
BOULDER	3272	1679	1593	3077	1581	1496	2765	1435	1330	312	146	166	135	70	65
CHAFFEE	169	88	81	161	84	77	151	78	73	10	6	4	8	4	4
CHEYENNE	35	22	13	35	22	13	33	21	12	2	1	1	0	0	0
CLEAR CREEK	123	61	62	120	60	60	119	59	60	1	1	0	3	1	2
CONEJOS	137	58	79	135	57	78	64	21	43	71	36	35	2	1	1
COSTILLA	39	12	27	38	12	26	13	5	8	25	7	18	1	0	1
CROWLEY	51	27	24	50	26	24	36	18	18	14	8	6	1	1	0
CUSTER	26	13	13	25	13	12	25	13	12	0	0	0	1	0	1
DELTA	290	164	126	287	161	123	238	134	104	49	30	19	3	0	3
DENVER	9183	4654	4529	7304	3700	3604	4848	2467	2381	2456	1233	1223	1846	939	907
DOLORES	20	11	9	20	11	9	20	11	9	0	0	0	0	0	0
DOUGLAS	772	419	353	760	412	348	738	400	338	22	12	10	11	6	5
EAGLE	361	188	173	356	187	169	304	157	147	52	30	22	5	1	4
ELBERT	129	57	72	124	57	67	119	56	63	5	1	4	4	0	4
EL PASO	7592	3849	3743	6447	3300	3147	5859	2975	2884	588	325	263	1145	549	596
FREMONT	401	210	191	394	206	188	368	198	170	26	8	18	7	4	3
GARFIELD	441	236	205	435	234	201	418	223	195	17	11	6	6	2	4
GILPIN	41	23	18	39	21	18	37	20	17	2	1	1	2	2	0
GRAND	157	70	87	155	70	85	151	68	83	4	2	2	1	0	1
GUNNISON	149	63	86	149	63	86	142	58	84	7	5	2	0	0	0
HINSDALE	6	2	4	4	1	3	4	1	3	0	0	0	2	1	1
HUERFANO	83	41	42	83	41	42	52	27	25	31	14	17	0	0	0
JACKSON	19	8	11	19	8	11	19	8	11	0	0	0	0	0	0
JEFFERSON	6811	3534	3277	6569	3407	3162	6163	3213	2950	406	194	212	229	120	109
KIOWA	22	5	17	22	5	17	22	5	17	0	0	0	0	0	0
KIT CARSON	108	52	56	106	51	55	90	41	49	16	10	6	2	1	1
LAKE	94	42	52	92	42	50	63	25	38	29	17	12	2	0	2
LA PLATA	460	241	219	430	225	205	380	199	181	50	26	24	30	16	14
LARIMER	2784	1431	1353	2699	1399	1300	2495	1283	1212	204	116	88	84	32	52
LAS ANIMAS	183	91	92	180	90	90	102	50	52	78	40	38	3	1	2
LINCOLN	80	46	34	80	46	34	79	46	33	1	0	1	0	0	0
LOGAN	264	121	143	261	120	141	236	110	126	25	10	15	3	1	2
MESA	1343	685	658	1307	667	640	1174	598	576	133	69	64	35	17	18
MINERAL	12	5	7	12	5	7	12	5	7	0	0	0	0	0	0

(CONTINUED)

APPENDIX A, TABLE A-8
TOTAL BIRTHS BY RACE, SPANISH ORIGIN, AND SEX OF CHILD - COLORADO RESIDENTS, 1986

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
MOFFAT	193	106	87	192	106	86	179	100	79	13	6	7	1	0	1
MONTEZUMA	310	172	138	257	138	119	231	125	106	26	13	13	52	34	18
MONTROSE	300	154	146	294	151	143	257	128	129	37	23	14	5	3	2
MORGAN	370	181	189	363	179	184	292	143	149	71	36	35	7	2	5
OTERO	359	184	175	355	182	173	194	100	94	161	82	79	4	2	2
OURAY	20	12	8	20	12	8	19	11	8	1	1	0	0	0	0
PARK	122	64	58	119	62	57	114	59	55	5	3	2	3	2	1
PHILLIPS	73	41	32	72	40	32	67	37	30	5	3	2	1	1	0
PITKIN	181	83	98	177	81	96	171	78	93	6	3	3	4	2	2
PROWERS	273	149	124	273	149	124	193	96	97	80	53	27	0	0	0
PUEBLO	1781	895	886	1728	866	862	962	465	497	766	401	365	53	29	24
RIO BLANCO	103	54	49	102	53	49	100	53	47	2	0	2	1	1	0
RIO GRANDE	219	111	108	214	109	105	109	55	54	105	54	51	4	1	3
ROUTT	206	116	90	198	110	88	191	105	86	7	5	2	7	5	2
SAGUACHE	81	43	38	80	42	38	29	16	13	51	26	25	1	1	0
SAN JUAN	10	6	4	10	6	4	9	6	3	1	0	1	0	0	0
SAN MIGUEL	52	24	28	50	23	27	50	23	27	0	0	0	1	1	0
SEDGWICK	36	19	17	36	19	17	32	16	16	4	3	1	0	0	0
SUMMIT	236	131	105	235	131	104	232	129	103	3	2	1	1	0	1
TELLER	209	92	117	208	91	117	205	89	116	3	2	1	1	1	0
WASHINGTON	77	30	47	76	30	46	73	28	45	3	2	1	1	0	1
WELD	2159	1074	1085	2113	1050	1063	1522	758	764	591	292	299	46	24	22
YUMA	145	74	71	145	74	71	141	74	67	4	0	4	0	0	0
REGION 1	965	466	499	953	462	491	841	403	433	112	54	58	12	4	8
REGION 2	4943	2505	2438	4812	2449	2363	4017	2041	1976	795	408	387	130	56	74
REGION 3	31717	16248	15469	28312	14512	13800	23920	12318	11602	4392	2194	2198	3277	1673	1604
REGION 4	7923	4005	3918	6774	3453	3321	6178	3123	3055	596	330	266	1149	552	597
REGION 5	352	177	175	345	176	169	321	164	157	24	12	12	6	1	5
REGION 6	818	416	402	813	413	400	538	258	280	275	155	120	5	3	2
REGION 7	1781	895	886	1728	866	862	962	465	497	766	401	365	53	29	24
REGION 8	734	359	375	710	349	361	361	173	188	349	176	173	22	8	14
REGION 9	896	486	410	810	433	377	715	381	334	95	52	43	85	53	32
REGION 10	817	419	398	804	414	390	710	355	355	94	59	35	11	5	6
REGION 11	2080	1081	999	2036	1060	976	1871	974	897	165	86	79	43	20	23
REGION 12	1160	596	564	1140	587	553	1068	545	523	72	42	30	18	8	10
REGION 13	690	353	337	672	345	327	607	314	293	65	31	34	18	8	10
REGION 14	266	132	134	263	131	132	154	77	77	109	54	55	3	1	2
HSA I	37977	19396	18581	34422	17599	16823	29099	14931	14168	5323	2668	2655	3425	1734	1691
HSA II	12212	6160	6052	10960	5557	5403	8800	4410	4390	2160	1147	1013	1250	601	649
HSA III	4953	2582	2371	4790	2494	2296	4364	2255	2109	426	239	187	157	86	71

(CONTINUED)

APPENDIX A, TABLE A-8
TOTAL BIRTHS BY RACE, SPANISH ORIGIN, AND SEX OF CHILD - COLORADO RESIDENTS, 1986

COUNTY	NON-WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
C O L O R A D O ...	3072	1532	1540	571	295	276	1189	594	595	47380	24164	23216	7762	3974	3788
ADAMS	214	108	106	50	25	25	128	66	62	4209	2131	2078	892	443	449
ALAMOSA	1	1	0	2	1	1	11	3	8	137	69	68	109	61	48
ARAPAHOE	415	209	206	45	27	18	199	100	99	6138	3145	2993	276	159	117
ARCHULETA	1	1	0	2	2	0	0	0	0	82	48	34	14	8	6
BACA	0	0	0	0	0	0	0	0	0	52	23	29	5	1	1
BENT	0	0	0	0	0	0	0	0	0	40	15	25	16	9	7
BOULDER	18	8	10	23	7	16	94	55	39	2991	1546	1445	281	133	148
CHAFFEE	1	0	1	7	4	3	0	0	0	160	83	77	9	5	4
CHEYENNE	0	0	0	0	0	0	0	0	0	32	20	12	3	2	1
CLEAR CREEK	0	0	0	2	0	2	1	1	0	122	60	62	1	1	0
CONEJOS	0	0	0	2	1	1	0	0	0	64	21	43	73	37	36
COSTILLA	0	0	0	0	0	0	1	0	1	15	4	11	24	8	16
CROWLEY	0	0	0	0	0	0	1	1	0	37	19	18	14	8	6
CUSTER	0	0	0	1	0	1	0	0	0	26	13	13	0	0	0
DELTA	0	0	0	3	0	3	0	0	0	281	160	121	9	4	5
DENVER	1443	727	716	133	71	62	270	141	129	6718	3426	3292	2465	1228	1237
DOLORES	0	0	0	0	0	0	0	0	0	19	10	9	1	1	0
DOUGLAS	2	0	2	1	0	1	8	6	2	748	406	342	24	13	11
EAGLE	2	0	2	0	0	0	3	1	2	309	159	150	52	29	23
ELBERT	1	0	1	1	0	1	2	0	2	127	57	70	2	0	2
EL PASO	825	399	426	72	36	36	248	114	134	6983	3511	3472	609	338	271
FREMONT	4	2	2	1	1	0	2	1	1	375	201	174	26	9	17
GARFIELD	1	1	0	2	0	2	3	1	2	427	226	201	14	10	4
GILPIN	0	0	0	1	1	0	1	1	0	39	22	17	2	1	1
GRAND	0	0	0	0	0	0	1	0	1	154	69	85	3	1	2
GUNNISON	0	0	0	0	0	0	0	0	0	145	61	84	4	2	2
HINSDALE	0	0	0	1	1	0	1	0	1	6	2	4	0	0	0
HUERFANO	0	0	0	0	0	0	0	0	0	50	25	25	33	16	17
JACKSON	0	0	0	0	0	0	0	0	0	18	8	10	1	0	1
JEFFERSON	41	22	19	58	37	21	130	61	69	6421	3346	3075	390	188	202
KIOWA	0	0	0	0	0	0	0	0	0	22	5	17	0	0	0
KIT CARSON	0	0	0	2	1	1	0	0	0	94	44	50	14	8	6
LAKE	0	0	0	2	0	2	0	0	0	62	22	40	32	20	12
LA PLATA	2	2	0	26	13	13	2	1	1	430	221	209	30	20	10
LARIMER	22	8	14	20	4	16	42	20	22	2598	1326	1272	186	105	81
LAS ANIMAS	0	0	0	2	1	1	1	0	1	89	42	47	94	49	45
LINCOLN	0	0	0	0	0	0	0	0	0	80	46	34	0	0	0
LOGAN	0	0	0	2	1	1	1	0	1	239	110	129	25	11	14
MESA	10	6	4	11	5	6	14	6	8	1293	660	633	50	25	25
MINERAL	0	0	0	0	0	0	0	0	0	12	5	7	0	0	0

(CONTINUED)
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APPENDIX A, TABLE A-8
TOTAL BIRTHS BY RACE, SPANISH ORIGIN, AND SEX OF CHILD - COLORADO RESIDENTS, 1986

COUNTY	NON-WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
MOFFAT	0	0	0	1	0	1	0	0	0	180	99	81	13	7	6
MONTEZUMA	0	0	0	51	33	18	1	1	0	289	162	127	21	10	11
MONTROSE	0	0	0	5	3	2	0	0	0	268	136	132	32	18	14
MORGAN	1	0	1	5	1	4	1	1	0	299	147	152	71	34	37
OTERO	2	2	0	2	0	2	0	0	0	179	94	85	180	90	90
OURAY	0	0	0	0	0	0	0	0	0	18	11	7	2	1	1
PARK	2	2	0	1	0	1	0	0	0	117	59	58	5	5	0
PHILLIPS	0	0	0	1	1	0	0	0	0	68	38	30	5	3	2
PITKIN	0	0	0	0	0	0	4	2	2	174	79	95	7	4	3
PROWERS	0	0	0	0	0	0	0	0	0	188	93	95	85	56	29
PUEBLO	43	23	20	8	4	4	2	2	0	984	481	503	797	414	383
RIO BLANCO	0	0	0	0	0	0	1	1	0	101	53	48	2	1	1
RIO GRANDE	1	0	1	3	1	2	0	0	0	122	62	60	97	49	48
ROUTT	0	0	0	3	3	0	4	2	2	202	114	88	4	2	2
SAGUACHE	1	1	0	0	0	0	0	0	0	35	18	17	46	25	21
SAN JUAN	0	0	0	0	0	0	0	0	0	9	6	3	1	0	1
SAN MIGUEL	0	0	0	1	1	0	0	0	0	51	23	28	1	1	0
SEDGWICK	0	0	0	0	0	0	0	0	0	32	16	16	4	3	1
SUMMIT	0	0	0	0	0	0	1	0	1	232	128	104	4	3	1
TELLER	0	0	0	1	1	0	0	0	0	207	90	117	2	2	0
WASHINGTON	1	0	1	0	0	0	0	0	0	73	28	45	4	2	2
WELD	18	10	8	17	8	9	11	6	5	1567	786	781	592	288	304
YUMA	0	0	0	0	0	0	0	0	0	141	74	67	4	0	4
REGION 1	2	0	2	8	3	5	2	1	1	852	413	439	113	53	60
REGION 2	40	18	22	37	12	25	53	26	27	4165	2112	2053	778	393	385
REGION 3	2133	1074	1059	313	168	145	831	431	400	27306	14082	13304	4331	2166	2165
REGION 4	827	401	426	74	37	37	248	114	134	7307	3660	3647	616	345	271
REGION 5	1	0	1	3	1	2	2	0	2	333	167	166	19	10	9
REGION 6	2	2	0	2	0	2	1	1	0	518	249	269	300	167	133
REGION 7	43	23	20	8	4	4	2	2	0	984	481	503	797	414	383
REGION 8	3	2	1	7	3	4	12	3	9	385	179	206	349	180	169
REGION 9	3	3	0	79	48	31	3	2	1	829	447	382	67	39	28
REGION 10	0	0	0	10	5	5	1	0	1	769	393	376	48	26	22
REGION 11	11	7	4	14	5	9	18	8	10	2001	1038	963	79	43	36
REGION 12	2	0	2	3	3	0	13	5	8	1089	557	532	71	39	32
REGION 13	5	2	3	11	5	6	2	1	1	623	319	304	67	34	33
REGION 14	0	0	0	2	1	1	1	0	1	139	67	72	127	65	62
HSA I	2176	1092	1084	361	184	177	888	458	430	32736	16774	15962	5241	2622	2619
HSA II	880	430	450	104	50	54	266	121	145	9956	4955	5001	2256	1205	1051
HSA III	16	10	6	106	61	45	35	15	20	4688	2435	2253	265	147	118

APPENDIX A , TABLE A-9
TOTAL DEATHS AND DEATH RATES BY SEX, AND PERCENT OF DEATHS BY SEX
AND SELECTED AGE GROUP - COLORADO RESIDENTS, 1986

	DEATHS BY SEX						PERCENT OF DEATHS BY SEX AND SELECTED AGE GROUP (YRS)								
	TOTAL		MALES		FEMALES		TOTAL			MALES			FEMALES		
COUNTY	NO.	RATE	NO.	RATE	NO.	RATE	1-24	25-64	65+	1-24	25-64	65+	1-24	25-64	65+
COLORADO..	20768	630.1	10815	659.7	9953	600.8	3.8	26.0	67.9	5.3	31.4	60.8	2.1	20.2	75.7
ADAMS	1425	517.6	795	583.1	630	453.4	3.7	34.5	57.3	5.3	38.5	51.4	1.7	29.4	64.8
ALAMOSA...	84	667.9	45	729.3	39	613.1	2.4	23.8	71.4	2.2	15.6	80.0	2.6	33.3	61.5
ARAPAHOE..	1693	436.6	849	439.4	844	433.8	4.7	30.4	61.3	6.5	35.1	55.0	3.0	25.7	67.5
ARCHULETA.	40	751.5	23	861.1	17	651.3	2.5	30.0	65.0	.0	26.1	73.9	5.9	35.3	52.9
BACA.....	56	1193.0	24	1051.2	32	1353.6	1.8	25.0	73.2	4.2	37.5	58.3	.0	15.6	84.4
BENT.....	66	1175.2	40	1397.6	26	959.4	3.0	24.2	72.7	2.5	30.0	67.5	3.8	15.4	80.8
BOULDER...	1007	465.3	503	460.0	504	470.9	4.0	25.6	68.2	5.4	30.2	62.6	2.8	21.0	73.8
CHAFFEE...	136	1099.1	67	1060.1	69	1149.2	1.5	24.3	74.3	1.5	32.8	65.7	1.4	15.9	82.6
CHEYENNE..	24	991.7	19	1611.5	5	417.0	.0	20.8	79.2	.0	26.3	73.7	.0	.0	100.0
CLEARCREEK	37	468.1	25	602.4	12	323.4	2.7	27.0	67.6	.0	28.0	68.0	8.3	25.0	66.7
CONEJOS	79	998.1	46	1186.2	33	826.0	3.8	27.8	67.1	4.3	39.1	54.3	3.0	12.1	84.8
COSTILLA..	36	1085.6	20	1229.3	16	973.2	8.3	27.8	63.9	15.0	30.0	55.0	.0	25.0	75.0
CROWLEY...	42	1318.7	24	1567.6	18	1114.6	7.1	7.1	85.7	8.3	12.5	79.2	5.6	.0	94.4
CUSTER....	18	844.3	9	853.1	9	867.1	.0	16.7	83.3	.0	11.1	88.9	.0	22.2	77.8
DELTA.....	222	913.2	118	983.6	104	847.3	5.4	14.9	77.9	6.8	19.5	72.0	3.8	9.6	84.6
DENVER....	4624	893.9	2339	940.8	2285	861.8	2.4	25.9	69.9	3.5	33.2	61.2	1.3	18.5	78.8
DOLORES...	11	734.3	5	690.6	6	823.0	18.2	18.2	54.5	20.0	20.0	60.0	16.7	16.7	50.0
DOUGLAS...	122	286.0	78	359.8	44	210.2	11.5	36.9	50.8	12.8	37.2	50.0	9.1	36.4	52.3
EAGLE.....	56	296.5	36	347.8	20	235.3	14.3	53.6	26.8	19.4	55.6	22.2	5.0	50.0	35.0
ELBERT....	49	564.1	30	681.4	19	447.6	2.0	32.7	63.3	3.3	33.3	60.0	.0	31.6	68.4
EL PASO	2010	531.0	1036	541.9	974	520.1	5.5	28.2	62.6	7.6	34.8	53.3	3.2	21.0	72.6
FREMONT...	344	1121.6	184	1186.8	160	1057.9	1.7	18.0	79.1	2.2	20.7	75.5	1.2	15.0	83.1
GARFIELD..	173	672.6	101	775.5	72	569.0	5.2	23.1	70.5	5.0	25.7	67.3	5.6	19.4	75.0
GILPIN....	12	427.4	2	133.9	10	781.9	8.3	41.7	50.0	50.0	50.0	.0	.0	40.0	60.0
GRAND.....	30	302.8	20	384.7	10	213.8	3.3	30.0	66.7	5.0	40.0	50.0	.0	10.0	70.0
GUNNISON..	51	449.3	22	357.8	29	562.0	11.8	17.6	66.7	22.7	9.1	59.1	3.4	24.1	72.4
HINSDALE..	3	787.4	1	518.1	2	1438.8	.0	66.7	33.3	.0	100.0	.0	.0	50.0	50.0
HUERFANO..	80	1114.1	51	1448.9	29	802.0	2.5	16.2	81.2	3.9	15.7	80.4	.0	17.2	82.8
JACKSON...	7	442.5	4	512.8	3	394.7	28.6	57.1	14.3	50.0	25.0	25.0	.0	100.0	.0
JEFFERSON.	2149	505.9	1101	519.4	1048	492.5	5.2	29.1	63.8	7.3	35.5	54.8	3.0	22.4	73.3
KIOWA	15	824.2	8	898.9	7	787.4	.0	13.3	86.7	.0	25.0	75.0	.0	.0	100.0
KIT CARSON	75	964.6	46	1199.5	29	743.2	4.0	14.7	80.0	6.5	19.6	71.7	.0	6.9	93.1
LAKE.....	35	510.4	23	655.1	12	363.2	5.7	40.0	51.4	4.3	43.5	47.8	8.3	33.3	58.3
LA PLATA..	204	649.7	106	665.2	98	635.4	5.4	26.5	66.7	6.6	32.1	59.4	4.1	20.4	74.5
LARIMER...	1085	618.5	526	604.7	559	632.4	2.5	20.7	74.6	4.0	24.9	68.6	1.1	16.8	80.1
LAS ANIMAS	191	1363.8	93	1381.1	98	1355.7	2.1	19.4	78.5	2.2	20.4	77.4	2.0	18.4	79.6
LINCOLN...	47	1027.8	27	1219.0	20	863.6	2.1	21.3	76.6	.0	22.2	77.8	5.0	20.0	75.0
LOGAN.....	154	781.6	86	891.2	68	678.7	3.2	14.9	79.2	4.7	17.4	76.7	1.5	11.8	82.4
MESA.....	717	794.5	377	845.5	340	745.3	2.8	23.0	72.7	4.0	28.6	66.0	1.5	16.8	80.0
MINERAL...	5	641.8	2	514.1	3	849.9	.0	60.0	40.0	.0	100.0	.0	.0	33.3	66.7
MOFFAT	60	467.5	36	552.5	24	382.0	5.0	28.3	63.3	8.3	38.9	47.2	.0	12.5	87.5
MONTEZUMA.	149	820.7	79	808.4	70	756.0	4.0	20.1	72.5	6.3	20.3	70.9	1.4	20.0	74.3

RATES ARE PER 100,000 PERSONS IN EACH GROUP.

(CONTINUED)
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APPENDIX A , TABLE A-9
TOTAL DEATHS AND DEATH RATES BY SEX, AND PERCENT OF DEATHS BY SEX
AND SELECTED AGE GROUP - COLORADO RESIDENTS, 1986

	DEATHS BY SEX						PERCENT OF DEATHS BY SEX AND SELECTED AGE GROUP (YRS)								
	TOTAL		MALES		FEMALES		TOTAL			MALES			FEMALES		
COUNTY	NO.	RATE	NO.	RATE	NO.	RATE	1-24	25-64	65+	1-24	25-64	65+	1-24	25-64	65+
MONTROSE..	200	775.6	108	845.0	92	709.3	2.0	18.0	80.0	2.8	25.0	72.2	1.1	9.8	89.1
MORGAN....	223	976.2	116	1032.3	107	926.0	3.1	16.6	79.4	4.3	22.4	72.4	1.9	10.3	86.9
OTERO.....	212	962.5	105	987.8	107	943.0	2.4	17.0	80.2	3.8	21.9	73.3	.9	12.1	86.9
OURAY.....	16	803.6	8	833.3	8	814.7	6.3	18.8	75.0	12.5	25.0	62.5	.0	12.5	87.5
PARK.....	25	401.5	14	444.6	11	363.4	20.0	44.0	32.0	7.1	35.7	50.0	36.4	54.5	9.1
PHILLIPS..	47	1048.2	22	1014.8	25	1100.4	2.1	21.3	76.6	.0	36.4	63.6	4.0	8.0	88.0
PITKIN....	33	264.0	20	303.4	13	221.7	12.1	54.5	27.3	20.0	55.0	15.0	.0	53.8	46.2
PROWERS...	126	889.5	61	886.6	65	897.2	3.2	22.2	73.0	6.6	23.0	67.2	.0	21.5	78.5
PUEBLO	1126	887.1	607	986.6	519	793.9	2.4	21.9	74.0	3.1	27.0	67.9	1.5	16.0	81.1
RIO BLANCO	30	498.3	18	589.6	12	410.0	3.3	30.0	66.7	5.6	38.9	55.6	.0	16.7	83.3
RIO GRANDE	95	830.1	54	956.4	41	712.1	4.2	21.1	69.5	3.7	29.6	63.0	4.9	9.8	78.0
ROUTT.....	55	365.6	25	313.4	30	427.0	7.3	23.6	65.5	16.0	32.0	44.0	.0	16.7	83.3
SAGUACHE..	41	1061.4	21	1092.6	20	1054.9	4.9	31.7	63.4	9.5	38.1	52.4	.0	25.0	75.0
SAN JUAN..	6	808.6	3	787.4	3	909.1	.0	66.7	33.3	.0	66.7	33.3	.0	66.7	33.3
SAN MIGUEL	12	342.7	9	484.1	3	187.1	16.7	25.0	50.0	22.2	22.2	44.4	.0	33.3	66.7
SEDGWICK..	27	894.6	22	1525.7	5	323.1	.0	18.5	81.5	.0	22.7	77.3	.0	.0	100.0
SUMMIT....	17	119.9	11	140.2	6	95.3	17.6	47.1	23.5	18.2	45.5	18.2	16.7	50.0	33.3
TELLER....	58	527.6	29	525.2	29	533.5	1.7	31.0	67.2	.0	48.3	51.7	3.4	13.8	82.8
WASHINGTON	52	990.5	22	838.1	30	1159.6	.0	17.3	82.7	.0	9.1	90.9	.0	23.3	76.7
WELD.....	840	603.2	456	667.6	384	541.6	4.3	23.3	70.4	6.6	26.3	64.5	1.6	19.8	77.3
YUMA.....	104	1044.1	58	1192.2	46	909.5	1.9	12.5	85.6	3.4	15.5	81.0	.0	8.7	91.3
REGION 1.	607	930.1	326	1019.2	281	850.8	2.5	16.0	80.6	3.4	19.9	76.1	1.4	11.4	85.8
REGION 2.	1925	611.7	982	632.4	943	592.0	3.3	21.9	72.7	5.2	25.6	66.7	1.3	18.0	79.0
REGION 3.	11069	591.4	5692	614.2	5377	569.4	3.7	28.4	65.4	5.2	34.4	57.6	2.1	22.1	73.6
REGION 4.	2093	528.9	1079	539.9	1014	518.0	5.5	28.4	62.4	7.4	35.2	53.2	3.6	21.2	72.2
REGION 5.	195	831.4	122	1048.8	73	626.0	2.6	21.5	74.9	3.3	24.6	70.5	1.4	16.4	82.2
REGION 6.	517	1003.8	262	1044.8	255	974.4	2.9	19.1	77.4	4.6	24.0	70.2	1.2	14.1	84.7
REGION 7.	1126	887.1	607	986.6	519	793.9	2.4	21.9	74.0	3.1	27.0	67.9	1.5	16.0	81.1
REGION 8.	340	852.3	188	957.6	152	759.7	4.1	25.9	67.6	5.3	30.3	62.2	2.6	20.4	74.3
REGION 9.	410	717.8	216	755.1	194	684.9	4.9	24.9	67.8	6.0	27.3	64.8	3.6	22.2	71.1
REGION 10.	504	748.7	266	783.8	238	718.4	5.0	17.1	76.6	7.1	21.4	69.5	2.5	12.2	84.5
REGION 11.	980	726.9	532	791.9	448	663.9	3.4	23.6	71.5	4.5	29.1	64.7	2.0	17.0	79.7
REGION 12.	198	274.6	116	299.4	82	247.6	11.1	41.4	41.4	17.2	45.7	30.2	2.4	35.4	57.3
REGION 13.	533	1024.3	283	1072.4	250	981.5	1.9	21.0	76.2	2.1	25.1	71.4	1.6	16.4	81.6
REGION 14.	271	1279.1	144	1404.3	127	1171.0	2.2	18.5	79.3	2.8	18.8	78.5	1.6	18.1	80.3
HSA I.....	13796	606.4	7122	632.7	6674	581.2	3.6	26.9	67.2	5.1	32.4	60.0	2.0	21.0	74.9
HSA II....	4880	710.1	2563	747.8	2317	674.3	3.9	24.4	69.5	5.1	29.7	62.5	2.5	18.5	77.2
HSA III...	2092	631.4	1130	670.7	962	593.6	4.8	23.9	69.2	6.7	28.7	62.3	2.5	18.4	77.2

RATES ARE PER 100,000 PERSONS IN EACH GROUP.

APPENDIX A , TABLE A-10
DEATHS BY AGE GROUP - COLORADO RESIDENTS, 1986

COUNTY	TOTAL DEATHS	AGE AT DEATH (YEARS)												
		< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
COLORADO ...	20768	476	100	54	57	242	331	743	844	1136	2677	4362	5287	4459
ADAMS	1425	64	12	4	0	18	19	54	69	126	242	336	274	207
ALAMOSA	84	2	1	0	0	1	0	3	1	4	12	18	25	17
ARAPAHOE	1693	61	7	7	4	30	32	71	87	111	246	369	363	305
ARCHULETA	40	1	1	0	0	0	0	0	2	2	8	9	10	7
BACA	56	0	0	0	1	0	0	0	1	1	12	16	10	15
BENT	66	0	0	1	1	0	0	2	2	2	10	20	18	10
BOULDER	1007	22	3	3	0	9	25	31	51	52	124	175	262	250
CHAFFEE	136	0	1	1	0	0	0	5	4	6	18	35	35	31
CHEYENNE	24	0	0	0	0	0	0	1	0	0	4	2	14	3
CLEAR CREEK	37	1	0	0	0	0	1	2	3	4	1	10	12	3
CONEJOS	79	1	0	0	1	1	1	2	4	4	12	21	17	15
COSTILLA	36	0	0	1	0	2	0	0	1	2	7	6	7	10
CROWLEY	42	0	0	1	0	2	0	1	1	0	1	10	14	12
CUSTER	18	0	0	0	0	0	0	0	0	0	3	5	4	6
DELTA	222	4	0	1	1	5	5	1	1	7	24	47	79	47
DENVER	4624	82	23	4	8	25	53	192	192	206	608	965	1207	1059
DOLORES	11	1	1	0	0	0	1	1	1	0	0	1	3	2
DOUGLAS	122	1	1	0	2	8	3	5	10	12	18	29	15	18
EAGLE	56	3	0	0	1	1	6	12	6	4	8	5	7	3
ELBERT	49	1	0	0	1	0	0	3	2	1	10	9	9	13
EL PASO	2010	75	11	9	11	29	50	102	86	127	251	397	493	369
FREMONT	344	4	0	0	1	2	3	5	5	13	39	67	127	78
GARFIELD	173	2	2	0	0	3	4	8	6	8	18	33	49	40
GILPIN	12	0	0	0	0	1	0	2	0	0	3	1	2	3
GRAND	30	3	0	0	0	0	1	0	3	1	5	4	9	4
GUNNISON	51	2	1	0	1	1	3	4	2	1	2	8	13	13
HINSDALE	3	0	0	0	0	0	0	1	0	0	1	1	0	0
HUERFANO	80	0	0	0	0	2	0	0	1	1	11	17	20	28
JACKSON	7	0	0	0	0	0	2	0	1	3	0	1	0	0
JEFFERSON	2149	41	11	6	11	43	40	81	88	151	306	434	490	447
KIOWA	15	0	0	0	0	0	0	0	0	0	2	2	8	3
KIT CARSON	75	1	0	0	0	2	1	2	3	1	5	19	22	19
LAKE	35	1	1	1	0	0	0	1	3	2	8	10	6	2
LA PLATA	204	3	2	0	3	4	2	12	12	9	21	38	50	48
LARIMER	1085	24	4	3	0	8	12	28	39	55	103	204	317	288
LAS ANIMAS	191	0	0	0	2	2	0	2	3	7	25	51	45	54
LINCOLN	47	0	1	0	0	0	0	3	1	1	5	9	12	15
LOGAN	154	4	0	0	0	3	2	4	1	7	11	34	47	41
MESA	717	11	0	4	2	6	8	21	23	39	82	156	189	176
MINERAL	5	0	0	0	0	0	0	0	0	1	2	1	1	0
MOFFAT	60	2	0	2	0	0	1	3	1	2	11	12	11	15

(CONTINUED)
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APPENDIX A , TABLE A-10
DEATHS BY AGE GROUP - COLORADO RESIDENTS, 1986

COUNTY	TOTAL DEATHS	AGE AT DEATH (YEARS)												
		< 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
MONTEZUMA	149	5	2	0	0	1	3	1	4	9	16	44	33	31
MONTROSE	200	0	2	0	0	0	2	5	6	6	19	44	74	42
MORGAN	223	2	2	0	1	2	2	3	8	8	18	46	73	58
OTERO	212	1	1	0	0	2	2	1	3	9	23	44	71	55
OURAY	16	0	0	0	0	0	1	0	0	1	2	4	3	5
PARK	25	1	0	0	0	2	3	2	2	2	5	5	3	0
PHILLIPS	47	0	0	1	0	0	0	0	2	5	3	5	20	11
PITKIN	33	2	0	0	1	0	3	2	9	3	4	3	6	0
PROWERS	126	2	1	0	0	2	1	1	4	7	16	24	33	35
PUEBLO	1126	19	4	0	0	5	18	21	36	54	136	277	312	244
RIO BLANCO	30	0	0	0	0	1	0	0	1	5	3	5	9	6
RIO GRANDE	95	5	0	1	0	2	1	4	1	4	11	11	27	28
ROUTT	55	2	0	1	0	3	0	1	6	2	4	13	11	12
SAGUACHE	41	0	1	0	0	0	1	3	2	2	6	12	11	3
SAN JUAN	6	0	0	0	0	0	0	1	0	2	1	1	1	0
SAN MIGUEL	12	1	1	0	0	0	1	0	1	2	0	1	4	1
SEDGWICK	27	0	0	0	0	0	0	0	0	1	4	5	10	7
SUMMIT	17	2	0	0	0	1	2	5	1	1	1	1	3	0
TELLER	58	0	0	1	0	0	0	0	1	4	13	18	9	12
WASHINGTON	52	0	0	0	0	0	0	1	3	4	1	9	19	15
WELD	840	17	3	2	4	12	15	27	34	31	104	174	231	186
YUMA	104	0	0	0	0	1	1	0	4	1	8	29	28	32
REGION 1	607	6	2	1	1	6	5	8	18	26	45	128	197	164
REGION 2	1925	41	7	5	4	20	27	55	73	86	207	378	548	474
REGION 3	11069	272	57	24	25	134	173	438	500	662	1548	2319	2625	2292
REGION 4	2093	76	11	10	11	31	53	104	89	133	269	420	505	381
REGION 5	195	2	1	0	1	2	1	9	6	3	24	39	57	50
REGION 6	517	3	2	2	2	6	3	5	11	19	64	116	154	130
REGION 7	1126	19	4	0	0	5	18	21	36	54	136	277	312	244
REGION 8	340	8	2	2	1	6	3	12	9	17	50	69	88	73
REGION 9	410	10	6	0	3	5	6	15	19	22	46	93	97	88
REGION 10	504	7	4	1	2	6	12	11	10	17	48	105	173	108
REGION 11	980	15	2	6	2	10	13	32	31	54	114	206	258	237
REGION 12	198	12	0	1	2	5	14	20	26	14	22	27	36	19
REGION 13	533	5	2	2	1	2	3	11	12	21	68	117	172	117
REGION 14	271	0	0	0	2	4	0	2	4	8	36	68	65	82
HSA I	13796	321	67	30	31	162	206	510	597	777	1824	2864	3427	2980
HSA II	4880	111	21	16	17	54	80	155	161	252	623	1067	1296	1027
HSA III	2092	44	12	8	9	26	45	78	66	107	230	431	564	452

APPENDIX A, TABLE A-11
TOTAL DEATHS BY RACE, SPANISH ORIGIN, AND SEX - COLORADO RESIDENTS, 1986

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
C O L O R A D O ...	20768	10815	9953	19900	10307	9593	18304	9338	8966	1596	969	627	864	507	357
ADAMS	1425	795	630	1378	768	610	1229	665	564	149	103	46	46	27	19
ALAMOSA	84	45	39	83	45	38	50	28	22	33	17	16	0	0	0
ARAPAHOE	1693	849	844	1628	817	811	1591	795	796	37	22	15	65	32	33
ARCHULETA	40	23	17	40	23	17	29	15	14	11	8	3	0	0	0
BACA	56	24	32	56	24	32	56	24	32	0	0	0	0	0	0
BENT	66	40	26	66	40	26	58	34	24	8	6	2	0	0	0
BOULDER	1007	503	504	1000	497	503	969	480	489	31	17	14	7	6	1
CHAFFEE	136	67	69	135	67	68	129	66	63	6	1	5	1	0	1
CHEYENNE	24	19	5	24	19	5	24	19	5	0	0	0	0	0	0
CLEAR CREEK	37	25	12	37	25	12	37	25	12	0	0	0	0	0	0
CONEJOS	79	46	33	79	46	33	32	17	15	47	29	18	0	0	0
COSTILLA	36	20	16	36	20	16	13	8	5	23	12	11	0	0	0
CROWLEY	42	24	18	42	24	18	37	22	15	5	2	3	0	0	0
CUSTER	18	9	9	18	9	9	18	9	9	0	0	0	0	0	0
DELTA	222	118	104	221	118	103	215	114	101	6	4	2	1	0	1
DENVER	4624	2339	2285	4087	2015	2072	3657	1756	1901	430	259	171	537	324	213
DOLORES	11	5	6	10	4	6	10	4	6	0	0	0	1	1	0
DOUGLAS	122	78	44	122	78	44	120	77	43	2	1	1	0	0	0
EAGLE	56	36	20	55	35	20	49	29	20	6	6	0	1	1	0
ELBERT	49	30	19	48	30	18	48	30	18	0	0	0	1	0	1
EL PASO	2010	1036	974	1891	964	927	1801	906	895	90	58	32	118	71	47
FREMONT	344	184	160	343	183	160	332	174	158	11	9	2	1	1	0
GARFIELD	173	101	72	173	101	72	171	100	71	2	1	1	0	0	0
GILPIN	12	2	10	12	2	10	12	2	10	0	0	0	0	0	0
GRAND	30	20	10	30	20	10	29	19	10	1	1	0	0	0	0
GUNNISON	51	22	29	51	22	29	51	22	29	0	0	0	0	0	0
HINSDALE	3	1	2	3	1	2	3	1	2	0	0	0	0	0	0
HUERFANO	80	51	29	80	51	29	48	30	18	32	21	11	0	0	0
JACKSON	7	4	3	7	4	3	7	4	3	0	0	0	0	0	0
JEFFERSON	2149	1101	1048	2129	1092	1037	2071	1064	1007	58	28	30	19	9	10
KIOWA	15	8	7	15	8	7	15	8	7	0	0	0	0	0	0
KIT CARSON	75	46	29	75	46	29	74	45	29	1	1	0	0	0	0
LAKE	35	23	12	35	23	12	26	17	9	9	6	3	0	0	0
LA PLATA	204	106	98	190	100	90	170	85	85	20	15	5	14	6	8
LARIMER	1085	526	559	1081	523	558	1046	504	542	35	19	16	4	3	1
LAS ANIMAS	191	93	98	191	93	98	127	63	64	64	30	34	0	0	0
LINCOLN	47	27	20	47	27	20	47	27	20	0	0	0	0	0	0
LOGAN	154	86	68	154	86	68	148	84	64	6	2	4	0	0	0
MESA	717	377	340	716	377	339	679	355	324	37	22	15	1	0	1
MINERAL	5	2	3	5	2	3	5	2	3	0	0	0	0	0	0

(CONTINUED)

APPENDIX A, TABLE A-11
TOTAL DEATHS BY RACE, SPANISH ORIGIN, AND SEX - COLORADO RESIDENTS, 1986

COUNTY	ALL RACES			WHITE									NON-WHITE		
				TOTAL WHITE			ANGLO-WHITE			SPANISH SURNAME					
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
MOFFAT	60	36	24	60	36	24	58	34	24	2	2	0	0	0	0
MONTEZUMA	149	79	70	132	67	65	127	66	61	5	1	4	17	12	5
MONTROSE	200	108	92	200	108	92	188	99	89	12	9	3	0	0	0
MORGAN	223	116	107	223	116	107	214	109	105	9	7	2	0	0	0
OTERO	212	105	107	209	104	105	159	78	81	50	26	24	3	1	2
OURAY	16	8	8	16	8	8	16	8	8	0	0	0	0	0	0
PARK	25	14	11	25	14	11	24	13	11	1	1	0	0	0	0
PHILLIPS	47	22	25	47	22	25	47	22	25	0	0	0	0	0	0
PITKIN	33	20	13	33	20	13	33	20	13	0	0	0	0	0	0
PROWERS	126	61	65	126	61	65	114	52	62	12	9	3	0	0	0
PUEBLO	1126	607	519	1107	596	511	899	467	432	208	129	79	19	11	8
RIO BLANCO	30	18	12	30	18	12	30	18	12	0	0	0	0	0	0
RIO GRANDE	95	54	41	95	54	41	60	34	26	35	20	15	0	0	0
ROUTT	55	25	30	55	25	30	55	25	30	0	0	0	0	0	0
SAGUACHE	41	21	20	41	21	20	27	16	11	14	5	9	0	0	0
SAN JUAN	6	3	3	6	3	3	6	3	3	0	0	0	0	0	0
SAN MIGUEL	12	9	3	12	9	3	12	9	3	0	0	0	0	0	0
SEDGWICK	27	22	5	27	22	5	25	20	5	2	2	0	0	0	0
SUMMIT	17	11	6	17	11	6	17	11	6	0	0	0	0	0	0
TELLER	58	29	29	58	29	29	57	28	29	1	1	0	0	0	0
WASHINGTON	52	22	30	52	22	30	52	22	30	0	0	0	0	0	0
WELD	840	456	384	832	454	378	747	397	350	85	57	28	8	2	6
YUMA	104	58	46	104	58	46	104	58	46	0	0	0	0	0	0
REGION 1	607	326	281	607	326	281	590	315	275	17	11	6	0	0	0
REGION 2	1925	982	943	1913	977	936	1793	901	892	120	76	44	12	5	7
REGION 3	11069	5692	5377	10393	5294	5099	9686	4864	4822	707	430	277	674	398	276
REGION 4	2093	1079	1014	1974	1007	967	1862	947	935	92	60	32	118	71	47
REGION 5	195	122	73	194	122	72	193	121	72	1	1	0	1	0	1
REGION 6	517	262	255	514	261	253	439	218	221	75	43	32	3	1	2
REGION 7	1126	607	519	1107	596	511	899	467	432	208	129	79	19	11	8
REGION 8	340	188	152	339	188	151	187	105	82	152	83	69	0	0	0
REGION 9	410	216	194	378	197	181	342	173	169	36	24	12	32	19	13
REGION 10	504	266	238	503	266	237	485	253	232	18	13	5	1	0	1
REGION 11	980	532	448	979	532	447	936	507	431	41	25	16	1	0	1
REGION 12	198	116	82	197	115	82	190	108	82	7	7	0	1	1	0
REGION 13	533	283	250	531	282	249	505	266	239	26	16	10	2	1	1
REGION 14	271	144	127	271	144	127	175	93	82	96	51	45	0	0	0
HSA I	13796	7122	6674	13107	6719	6388	12262	6201	6061	845	518	327	687	403	284
HSA II	4880	2563	2317	4736	2478	2258	4087	2096	1991	649	382	267	142	84	58
HSA III	2092	1130	962	2057	1110	947	1955	1041	914	102	69	33	35	20	15

(CONTINUED)
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APPENDIX A, TABLE A-11
TOTAL DEATHS BY RACE, SPANISH ORIGIN, AND SEX - COLORADO RESIDENTS, 1986

COUNTY	NON-WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
C O L O R A D O ...	693	417	276	59	32	27	112	58	54	19285	9907	9378	1483	908	575
ADAMS	29	19	10	1	0	1	16	8	8	1309	713	596	116	82	34
ALAMOSA	0	0	0	0	0	0	0	0	0	52	31	21	32	14	18
ARAPAHOE	51	27	24	0	0	0	14	5	9	1663	826	837	30	23	7
ARCHULETA	0	0	0	0	0	0	0	0	0	31	17	14	9	6	3
BACA	0	0	0	0	0	0	0	0	0	56	24	32	0	0	0
BENT	0	0	0	0	0	0	0	0	0	61	35	26	5	5	0
BOULDER	2	2	0	0	0	0	5	4	1	973	485	488	34	18	16
CHAFFEE	1	0	1	0	0	0	0	0	0	131	66	65	5	1	4
CHEYENNE	0	0	0	0	0	0	0	0	0	24	19	5	0	0	0
CLEAR CREEK	0	0	0	0	0	0	0	0	0	37	25	12	0	0	0
CONEJOS	0	0	0	0	0	0	0	0	0	33	17	16	46	29	17
COSTILLA	0	0	0	0	0	0	0	0	0	21	10	11	15	10	5
CROWLEY	0	0	0	0	0	0	0	0	0	37	22	15	5	2	3
CUSTER	0	0	0	0	0	0	0	0	0	18	9	9	0	0	0
DELTA	0	0	0	1	0	1	0	0	0	218	115	103	4	3	1
DENVER	480	290	190	15	9	6	42	25	17	4202	2081	2121	422	258	164
DOLORES	0	0	0	1	1	0	0	0	0	10	5	5	1	0	1
DOUGLAS	0	0	0	0	0	0	0	0	0	120	78	42	2	0	2
EAGLE	0	0	0	0	0	0	1	1	0	51	31	20	5	5	0
ELBERT	1	0	1	0	0	0	0	0	0	48	30	18	1	0	1
EL PASO	98	60	38	5	3	2	15	8	7	1921	976	945	89	60	29
FREMONT	0	0	0	1	1	0	0	0	0	336	178	158	8	6	2
GARFIELD	0	0	0	0	0	0	0	0	0	171	100	71	2	1	1
GILPIN	0	0	0	0	0	0	0	0	0	12	2	10	0	0	0
GRAND	0	0	0	0	0	0	0	0	0	30	20	10	0	0	0
GUNNISON	0	0	0	0	0	0	0	0	0	51	22	29	0	0	0
HINSDALE	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0
HUERFANO	0	0	0	0	0	0	0	0	0	44	28	16	36	23	13
JACKSON	0	0	0	0	0	0	0	0	0	7	4	3	0	0	0
JEFFERSON	7	4	3	2	1	1	10	4	6	2101	1081	1020	48	20	28
KIOWA	0	0	0	0	0	0	0	0	0	15	8	7	0	0	0
KIT CARSON	0	0	0	0	0	0	0	0	0	74	45	29	1	1	0
LAKE	0	0	0	0	0	0	0	0	0	26	17	9	9	6	3
LA PLATA	1	1	0	12	4	8	1	1	0	194	98	96	10	8	2
LARIMER	1	1	0	0	0	0	3	2	1	1062	510	552	23	16	7
LAS ANIMAS	0	0	0	0	0	0	0	0	0	127	62	65	64	31	33
LINCOLN	0	0	0	0	0	0	0	0	0	47	27	20	0	0	0
LOGAN	0	0	0	0	0	0	0	0	0	148	84	64	6	2	4
MESA	1	0	1	0	0	0	0	0	0	685	355	330	32	22	10
MINERAL	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0

(CONTINUED)
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APPENDIX A, TABLE A-11
TOTAL DEATHS BY RACE, SPANISH ORIGIN, AND SEX - COLORADO RESIDENTS, 1986

COUNTY	NON-WHITE									NON-SPANISH ORIGIN			SPANISH ORIGIN		
	BLACK			INDIAN			ASIAN AND OTHER								
	TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX		TOTAL	SEX	
		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE		MALE	FEMALE
MOFFAT	0	0	0	0	0	0	0	0	0	58	34	24	2	2	0
MONTEZUMA	1	1	0	16	11	5	0	0	0	141	77	64	8	2	6
MONTROSE	0	0	0	0	0	0	0	0	0	193	103	90	7	5	2
MORGAN	0	0	0	0	0	0	0	0	0	213	108	105	10	8	2
OTERO	2	1	1	0	0	0	1	0	1	166	81	85	46	24	22
OURAY	0	0	0	0	0	0	0	0	0	16	8	8	0	0	0
PARK	0	0	0	0	0	0	0	0	0	24	13	11	1	1	0
PHILLIPS	0	0	0	0	0	0	0	0	0	47	22	25	0	0	0
PITKIN	0	0	0	0	0	0	0	0	0	33	20	13	0	0	0
PROWERS	0	0	0	0	0	0	0	0	0	113	51	62	13	10	3
PUEBLO	16	10	6	1	1	0	2	0	2	915	481	434	211	126	85
RIO BLANCO	0	0	0	0	0	0	0	0	0	30	18	12	0	0	0
RIO GRANDE	0	0	0	0	0	0	0	0	0	67	38	29	28	16	12
ROUTT	0	0	0	0	0	0	0	0	0	55	25	30	0	0	0
SAGUACHE	0	0	0	0	0	0	0	0	0	27	14	13	14	7	7
SAN JUAN	0	0	0	0	0	0	0	0	0	6	3	3	0	0	0
SAN MIGUEL	0	0	0	0	0	0	0	0	0	12	9	3	0	0	0
SEDGWICK	0	0	0	0	0	0	0	0	0	25	20	5	2	2	0
SUMMIT	0	0	0	0	0	0	0	0	0	17	11	6	0	0	0
TELLER	0	0	0	0	0	0	0	0	0	57	28	29	1	1	0
WASHINGTON	0	0	0	0	0	0	0	0	0	52	22	30	0	0	0
WELD	2	1	1	4	1	3	2	0	2	760	404	356	80	52	28
YUMA	0	0	0	0	0	0	0	0	0	104	58	46	0	0	0
REGION 1	0	0	0	0	0	0	0	0	0	589	314	275	18	12	6
REGION 2	3	2	1	4	1	3	5	2	3	1822	914	908	103	68	35
REGION 3	569	342	227	18	10	8	87	46	41	10417	5291	5126	652	401	251
REGION 4	98	60	38	5	3	2	15	8	7	2002	1017	985	91	62	29
REGION 5	1	0	1	0	0	0	0	0	0	193	121	72	2	1	1
REGION 6	2	1	1	0	0	0	1	0	1	448	221	227	69	41	28
REGION 7	16	10	6	1	1	0	2	0	2	915	481	434	211	126	85
REGION 8	0	0	0	0	0	0	0	0	0	205	112	93	135	76	59
REGION 9	2	2	0	29	16	13	1	1	0	382	200	182	28	16	12
REGION 10	0	0	0	1	0	1	0	0	0	493	258	235	11	8	3
REGION 11	1	0	1	0	0	0	0	0	0	944	507	437	36	25	11
REGION 12	0	0	0	0	0	0	1	1	0	193	111	82	5	5	0
REGION 13	1	0	1	1	1	0	0	0	0	511	270	241	22	13	9
REGION 14	0	0	0	0	0	0	0	0	0	171	90	81	100	54	46
HSA I	573	344	229	22	11	11	92	48	44	13021	6640	6381	775	482	293
HSA II	117	71	46	7	5	2	18	8	10	4252	2191	2061	628	372	256
HSA III	3	2	1	30	16	14	2	2	0	2012	1076	936	80	54	26

APPENDIX A , TABLE A-12
DEATHS AND DEATH RATES FOR LEADING CAUSES - COLORADO RESIDENTS, 1986

COUNTY	HEART DISEASE		MALIGNANT NEOPLASMS		ACCIDENTS		CEREBROVASCULAR DISEASE		C.O.P.D.		INFLUENZA AND PNEUMONIA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
COLORADO..	6443	195.5	4348	131.9	1248	37.9	1307	39.7	1141	34.6	862	26.2
ADAMS	436	158.4	310	112.6	79	28.7	89	32.3	80	29.1	49	17.8
ALAMOSA...	31	246.5	15	119.3	8	63.6	7	55.7	4	31.8	1	8.0
ARAPAHOE..	491	126.6	416	107.3	91	23.5	119	30.7	86	22.2	58	15.0
ARCHULETA.	16	300.6	7	131.5	4	75.1	1	18.8	3	56.4	1	18.8
BACA.....	24	511.3	13	276.9	4	85.2	1	21.3	1	21.3	4	85.2
BENT.....	24	427.4	12	213.7	5	89.0	3	53.4	5	89.0	7	124.6
BOULDER ..	311	143.7	233	107.7	57	26.3	73	33.7	45	20.8	33	15.2
CHAFFEE...	59	476.8	12	97.0	10	80.8	6	48.5	7	56.6	9	72.7
CHEYENNE .	4	165.3	4	165.3	4	165.3	1	41.3	3	124.0	2	82.6
CLEARCREEK	13	164.5	4	50.6	2	25.3	2	25.3	2	25.3	1	12.7
CONEJOS	37	467.5	9	113.7	5	63.2	7	88.4	4	50.5	2	25.3
COSTILLA..	11	331.7	5	150.8	6	180.9	4	120.6	1	30.2	0	.0
CROWLEY...	13	408.2	6	188.4	4	125.6	3	94.2	4	125.6	4	125.6
CUSTER ...	6	281.4	3	140.7	0	.0	1	46.9	4	187.6	0	.0
DELTA	74	304.4	42	172.8	14	57.6	18	74.0	12	49.4	12	49.4
DENVER ...	1423	277.0	935	182.0	209	40.7	269	52.4	247	48.1	208	40.5
DOLORES...	1	66.8	1	66.8	3	200.3	0	.0	2	133.5	0	.0
DOUGLAS ..	29	68.0	34	79.7	16	37.5	7	16.4	5	11.7	1	2.3
EAGLE	9	47.6	11	58.2	19	100.6	1	5.3	2	10.6	1	5.3
ELBERT	12	138.1	13	149.6	9	103.6	2	23.0	3	34.5	1	11.5
EL PASO	576	152.2	420	111.0	142	37.5	141	37.3	102	26.9	77	20.3
FREMONT ..	132	430.4	74	241.3	17	55.4	15	48.9	24	78.2	18	58.7
GARFIELD..	60	233.3	42	163.3	16	62.2	7	27.2	9	35.0	5	19.4
GILPIN ...	2	71.2	2	71.2	2	71.2	3	106.8	1	35.6	1	35.6
GRAND	9	90.8	6	60.6	3	30.3	0	.0	1	10.1	3	30.3
GUNNISON..	14	123.3	5	44.0	9	79.3	4	35.2	2	17.6	0	.0
HINSDALE..	0	.0	3	787.4	0	.0	0	.0	0	.0	0	.0
HUERFANO..	36	501.3	19	264.6	3	41.8	2	27.9	3	41.8	2	27.9
JACKSON ..	0	.0	2	126.4	2	126.4	0	.0	1	63.2	0	.0
JEFFERSON.	610	143.6	472	111.1	135	31.8	122	28.7	135	31.8	104	24.5
KIOWA	8	439.6	3	164.8	1	54.9	0	.0	1	54.9	0	.0
KIT CARSON	22	283.0	12	154.3	6	77.2	3	38.6	3	38.6	0	.0
LAKE	7	102.1	11	160.4	5	72.9	1	14.6	4	58.3	0	.0
LA PLATA..	58	184.7	45	143.3	23	73.3	19	60.5	2	6.4	11	35.0
LARIMER ..	342	195.0	238	135.7	53	30.2	72	41.0	62	35.3	52	29.6
LAS ANIMAS	68	485.5	42	299.9	10	71.4	12	85.7	5	35.7	7	50.0
LINCOLN ..	19	415.5	7	153.1	4	87.5	4	87.5	2	43.7	1	21.9
LOGAN	50	253.8	27	137.0	10	50.8	9	45.7	12	60.9	6	30.5
MESA	223	247.1	143	158.5	41	45.4	38	42.1	48	53.2	37	41.0
MINERAL...	1	128.4	2	256.7	0	.0	0	.0	0	.0	0	.0
MOFFAT	21	163.6	10	77.9	5	39.0	1	7.8	1	7.8	1	7.8
MONTEZUMA.	41	225.8	35	192.8	15	82.6	10	55.1	8	44.1	4	22.0
MONTROSE..	74	287.0	43	166.7	10	38.8	14	54.3	8	31.0	6	23.3

CAUSE-SPECIFIC MORTALITY RATES ARE PER 100,000 POPULATION.
C.O.P.D.= CHRONIC OBSTRUCTIVE PULMONARY DISEASES, INCLUDES ASTHMA, CHRONIC BRONCHITIS, AND EMPHYSEMA.

(CONTINUED)
RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-12
DEATHS AND DEATH RATES FOR LEADING CAUSES - COLORADO RESIDENTS, 1986

COUNTY	HEART DISEASE		MALIGNANT NEOPLASMS		ACCIDENTS		CEREBROVASCULAR DISEASE		C.O.P.D.		INFLUENZA AND PNEUMONIA	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
MORGAN....	89	389.6	35	153.2	10	43.8	27	118.2	12	52.5	14	61.3
OTERO.....	70	317.8	36	163.5	8	36.3	18	81.7	10	45.4	8	36.3
OURAY.....	5	251.8	2	100.7	2	100.7	1	50.4	1	50.4	0	.0
PARK.....	3	48.2	5	80.3	4	64.2	1	16.1	2	32.1	1	16.1
PHILLIPS..	22	490.6	9	200.7	1	22.3	2	44.6	2	44.6	3	66.9
PITKIN....	6	48.0	9	72.0	12	96.0	0	.0	1	8.0	1	8.0
PROWERS...	47	331.8	26	183.6	7	49.4	9	63.5	8	56.5	7	49.4
PUEBLO	372	293.1	206	162.3	48	37.8	69	54.4	71	55.9	45	35.5
RIO BLANCO	14	232.5	9	149.5	3	49.8	1	16.6	1	16.6	0	.0
RIO GRANDE	36	314.5	16	139.8	5	43.7	6	52.4	4	34.9	3	26.2
ROUTT.....	16	106.3	11	73.1	8	53.2	1	6.6	3	19.9	2	13.3
SAGUACHE..	10	258.9	4	103.5	6	155.3	4	103.5	2	51.8	1	25.9
SAN JUAN..	0	.0	4	539.1	1	134.8	0	.0	0	.0	0	.0
SAN MIGUEL	2	57.1	4	114.2	2	57.1	1	28.6	0	.0	0	.0
SEDGWICK..	8	265.1	4	132.5	0	.0	1	33.1	4	132.5	2	66.3
SUMMIT....	1	7.1	2	14.1	4	28.2	0	.0	0	.0	0	.0
TELLER....	14	127.4	19	172.8	3	27.3	5	45.5	2	18.2	2	18.2
WASHINGTON	17	323.8	13	247.6	1	19.0	3	57.1	3	57.1	2	38.1
WELD.....	281	201.8	167	119.9	59	42.4	55	39.5	55	39.5	34	24.4
YUMA.....	33	331.3	19	190.7	3	30.1	12	120.5	6	60.2	8	80.3
REGION 1.	219	335.6	107	164.0	25	38.3	54	82.7	39	59.8	35	53.6
REGION 2.	623	198.0	405	128.7	112	35.6	127	40.4	117	37.2	86	27.3
REGION 3.	3315	177.1	2406	128.6	591	31.6	684	36.5	601	32.1	455	24.3
REGION 4.	593	149.9	444	112.2	149	37.7	147	37.1	106	26.8	80	20.2
REGION 5.	57	243.0	36	153.5	23	98.1	10	42.6	11	46.9	4	17.1
REGION 6.	186	361.1	96	186.4	29	56.3	34	66.0	29	56.3	30	58.2
REGION 7.	372	293.1	206	162.3	48	37.8	69	54.4	71	55.9	45	35.5
REGION 8.	126	315.8	51	127.8	30	75.2	28	70.2	15	37.6	7	17.5
REGION 9.	116	208.1	92	161.1	46	80.5	30	52.5	15	26.3	16	28.0
REGION 10.	169	251.1	99	147.1	37	55.0	38	56.4	23	34.2	18	26.7
REGION 11.	318	235.9	204	151.3	65	48.2	47	34.9	59	43.8	43	31.9
REGION 12.	41	56.9	41	56.9	48	66.6	2	2.8	8	11.1	7	9.7
REGION 13.	204	392.1	100	192.2	32	61.5	23	44.2	39	75.0	27	51.9
REGION 14.	104	490.9	61	287.9	13	61.4	14	66.1	8	37.8	9	42.5
HSA I	4214	185.2	2954	129.9	751	33.0	875	38.5	768	33.8	580	25.5
HSA II....	1585	230.6	958	139.4	301	43.8	315	45.8	266	39.0	198	28.8
HSA III...	644	194.4	436	131.6	196	59.2	117	35.3	105	31.7	84	25.4

(CONTINUED)

CAUSE-SPECIFIC MORTALITY RATES ARE PER 100,000 POPULATION.
C.O.P.D.= CHRONIC OBSTRUCTIVE PULMONARY DISEASES, INCLUDES ASTHMA, CHRONIC BRONCHITIS, AND EMPHYSEMA.

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-12
DEATHS AND DEATH RATES FOR LEADING CAUSES - COLORADO RESIDENTS, 1986

COUNTY	SUICIDE		ATHEROSCLEROSIS		DIABETES		CIRRHOSIS OF LIVER		HOMICIDE	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
COLORADO..	572	17.4	349	10.6	347	10.5	308	9.3	237	7.2
ADAMS	45	16.3	15	5.4	29	10.5	21	7.6	18	6.5
ALAMOSA...	1	8.0	0	.0	2	15.9	0	.0	0	.0
ARAPAHOE..	53	13.7	25	6.4	33	8.5	23	5.9	18	4.6
ARCHULETA.	0	.0	0	.0	0	.0	0	.0	0	.0
BACA.....	0	.0	1	21.3	0	.0	1	21.3	0	.0
BENT.....	3	53.4	0	.0	0	.0	0	.0	0	.0
BOULDER ..	31	14.3	25	11.6	16	7.4	15	6.9	5	2.3
CHAFFEE...	3	24.2	0	.0	5	40.4	5	40.4	1	8.1
CHEYENNE .	0	.0	1	41.3	1	41.3	0	.0	0	.0
CLEARCREEK	1	12.7	2	25.3	1	12.7	1	12.7	0	.0
CONEJOS	0	.0	1	12.6	2	25.3	4	50.5	1	12.6
COSTILLA..	0	.0	0	.0	1	30.2	0	.0	0	.0
CROWLEY...	1	31.4	1	31.4	0	.0	1	31.4	1	31.4
CUSTER ...	0	.0	1	46.9	0	.0	0	.0	0	.0
DELTA	4	16.5	2	8.2	5	20.6	1	4.1	5	20.6
DENVER ...	110	21.4	86	16.7	66	12.8	95	18.5	84	16.3
DOLORES...	0	.0	0	.0	1	66.8	0	.0	0	.0
DOUGLAS ..	6	14.1	0	.0	3	7.0	1	2.3	3	7.0
EAGLE	4	21.2	0	.0	0	.0	1	5.3	1	5.3
ELBERT ...	0	.0	1	11.5	1	11.5	0	.0	0	.0
EL PASO	82	21.7	22	5.8	31	8.2	35	9.2	30	7.9
FREMONT ..	2	6.5	11	35.9	4	13.0	3	9.8	2	6.5
GARFIELD..	4	15.6	2	7.8	2	7.8	2	7.8	1	3.9
GILPIN ...	0	.0	0	.0	0	.0	0	.0	0	.0
GRAND	2	20.2	0	.0	0	.0	0	.0	0	.0
GUNNISON..	0	.0	0	.0	2	17.6	0	.0	0	.0
HINSDALE..	0	.0	0	.0	0	.0	0	.0	0	.0
HUERFANO..	1	13.9	1	13.9	1	13.9	2	27.9	1	13.9
JACKSON ..	0	.0	0	.0	0	.0	0	.0	0	.0
JEFFERSON.	83	19.5	72	16.9	30	7.1	23	5.4	17	4.0
KIOWA	0	.0	0	.0	0	.0	0	.0	0	.0
KIT CARSON	1	12.9	4	51.4	6	77.2	0	.0	0	.0
LAKE	0	.0	0	.0	0	.0	0	.0	0	.0
LA PLATA..	8	25.5	1	3.2	3	9.6	3	9.6	1	3.2
LARIMER ..	26	14.8	13	7.4	20	11.4	12	6.8	4	2.3
LAS ANIMAS	0	.0	4	28.6	3	21.4	3	21.4	2	14.3
LINCOLN ..	0	.0	0	.0	0	.0	0	.0	3	65.6
LOGAN	4	20.3	1	5.1	3	15.2	1	5.1	1	5.1
MESA	20	22.2	8	8.9	12	13.3	12	13.3	5	5.5
MINERAL...	0	.0	0	.0	0	.0	0	.0	0	.0
MOFFAT	2	15.6	2	15.6	0	.0	1	7.8	1	7.8
MONTEZUMA.	4	22.0	0	.0	5	27.5	2	11.0	2	11.0
MONTROSE..	6	23.3	1	3.9	0	.0	1	3.9	2	7.8

(CONTINUED)

CAUSE-SPECIFIC MORTALITY RATES ARE PER 100,000 POPULATION.
C.O.P.D.= CHRONIC OBSTRUCTIVE PULMONARY DISEASES, INCLUDES ASTHMA, CHRONIC BRONCHITIS, AND EMPHYSEMA.

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A , TABLE A-12
DEATHS AND DEATH RATES FOR LEADING CAUSES - COLORADO RESIDENTS, 1986

COUNTY	SUICIDE		ATHEROSCLEROSIS		DIABETES		CIRRHOSIS OF LIVER		HOMICIDE	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
MORGAN....	3	13.1	2	8.8	6	26.3	1	4.4	0	.0
OTERO.....	1	4.5	3	13.6	4	18.2	1	4.5	2	9.1
OURAY.....	1	50.4	0	.0	0	.0	0	.0	0	.0
PARK.....	3	48.2	0	.0	0	.0	1	16.1	1	16.1
PHILLIPS..	1	22.3	2	44.6	1	22.3	0	.0	0	.0
PITKIN....	0	.0	0	.0	0	.0	0	.0	0	.0
PROWERS...	1	7.1	8	56.5	0	.0	0	.0	0	.0
PUEBLO	20	15.8	13	10.2	26	20.5	21	16.5	6	4.7
RIO BLANCO	0	.0	0	.0	0	.0	0	.0	0	.0
RIO GRANDE	3	26.2	1	8.7	1	8.7	1	8.7	2	17.5
ROUTT.....	2	13.3	0	.0	0	.0	0	.0	0	.0
SAGUACHE..	2	51.8	0	.0	1	25.9	2	51.8	2	51.8
SAN JUAN..	0	.0	0	.0	0	.0	1	134.8	0	.0
SAN MIGUEL	1	28.6	0	.0	0	.0	0	.0	0	.0
SEDGWICK..	0	.0	2	66.3	0	.0	0	.0	0	.0
SUMMIT....	3	21.2	0	.0	0	.0	1	7.1	4	28.2
TELLER....	1	9.1	1	9.1	1	9.1	0	.0	0	.0
WASHINGTON	0	.0	1	19.0	1	19.0	0	.0	0	.0
WELD.....	22	15.8	8	5.7	17	12.2	10	7.2	11	7.9
YUMA.....	1	10.0	5	50.2	1	10.0	0	.0	0	.0
REGION 1.	9	13.8	13	19.9	12	18.4	2	3.1	1	1.5
REGION 2.	48	15.3	21	6.7	37	11.8	22	7.0	15	4.8
REGION 3.	329	17.6	225	12.0	178	9.5	179	9.6	145	7.7
REGION 4.	86	21.7	23	5.8	32	8.1	36	9.1	31	7.8
REGION 5.	1	4.3	6	25.6	8	34.1	0	.0	3	12.8
REGION 6.	6	11.6	13	25.2	4	7.8	3	5.8	3	5.8
REGION 7.	20	15.8	13	10.2	26	20.5	21	16.5	6	4.7
REGION 8.	6	15.0	2	5.0	7	17.5	7	17.5	5	12.5
REGION 9.	12	21.0	1	1.8	9	15.8	6	10.5	3	5.3
REGION 10.	12	17.8	3	4.5	7	10.4	2	3.0	7	10.4
REGION 11.	26	19.3	12	8.9	14	10.4	15	11.1	7	5.2
REGION 12.	11	15.3	0	.0	0	.0	2	2.8	5	6.9
REGION 13.	5	9.6	12	23.1	9	17.3	8	15.4	3	5.8
REGION 14.	1	4.7	5	23.6	4	18.9	5	23.6	3	14.2
HSA I	387	17.0	265	11.6	235	10.3	203	8.9	164	7.2
HSA II....	124	18.0	68	9.9	82	11.9	80	11.6	51	7.4
HSA III...	61	18.4	16	4.8	30	9.1	25	7.5	22	6.6

CAUSE-SPECIFIC MORTALITY RATES ARE PER 100,000 POPULATION.
C.O.P.D. = CHRONIC OBSTRUCTIVE PULMONARY DISEASES, INCLUDES ASTHMA, CHRONIC BRONCHITIS, AND EMPHYSEMA.

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION.

APPENDIX A, TABLE A-13
MARRIAGES AND MARRIAGE DISSOLUTIONS - COLORADO OCCURRENCES, 1986

COUNTY	1986 POPULATION	MARRIAGES		MARRIAGE DISSOLUTIONS		SEPARATE MAINTENANCE
		NO.	RATE	NO.	RATE	
COLORADO	3296032	32811	10.0	18951	5.7	309
ADAMS	275326	2147	7.8	1281	4.7	14
ALAMOSA	12576	167	13.3	107	8.5	1
ARAPAHOE	387791	4315	11.1	2326	6.0	54
ARCHULETA	5323	40	7.5	42	7.9	0
BACA	4694	33	7.0	16	3.4	0
BENT	5616	35	6.2	19	3.4	0
BOULDER	216419	2371	11.0	1380	6.4	24
CHAFFEE	12374	104	8.4	129	10.4	1
CHEYENNE	2420	19	7.9	8	3.3	0
CLEAR CREEK	7905	67	8.5	31	3.9	0
CONEJOS	7915	40	5.1	22	2.8	0
COSTILLA	3316	0	.0	0	.0	0
CROWLEY	3185	19	6.0	4	1.3	1
CUSTER	2132	3	1.4	0	.0	0
DELTA	24309	151	6.2	116	4.8	2
DENVER	513809	6059	11.8	3447	6.7	33
DOLORES	1498	8	5.3	2	1.3	0
DOUGLAS	42654	280	6.6	191	4.5	2
EAGLE	18688	267	14.1	76	4.0	1
ELBERT	8687	49	5.6	0	.0	0
EL PASO	378496	4838	12.8	2572	6.8	85
FREMONT	30671	280	9.1	196	6.4	0
GARFIELD	25721	260	10.1	174	6.8	0
GILPIN	2808	32	11.4	9	3.2	0
GRAND	9908	102	10.3	43	4.3	1
GUNNISON	11351	111	9.8	51	4.5	0
HINSDALE	381	11	28.9	3	7.9	0
HUERFANO	7181	41	5.7	24	3.3	0
JACKSON	1582	17	10.7	0	.0	0
JEFFERSON	424794	3349	7.9	2339	5.5	50
KIOWA	1820	8	4.4	2	1.1	0
KIT CARSON	7775	62	8.0	27	3.5	0
LAKE	6857	85	12.4	40	5.8	1
LA PLATA	31398	408	13.0	249	7.9	3
LARIMER	175423	1790	10.2	914	5.2	18
LAS ANIMAS	14005	83	5.9	66	4.7	0
LINCOLN	4573	36	7.9	25	5.5	0
LOGAN	19703	182	9.2	95	4.8	0
MESA	90242	750	8.3	535	5.9	1
MINERAL	779	17	21.8	0	.0	0
MOFFAT	12833	104	8.1	77	6.0	1
MONTEZUMA	18155	150	8.3	107	5.9	0

RATES ARE PER 1000 POPULATION.
MARRIAGE DISSOLUTIONS INCLUDE DIVORCES AND ANNULMENTS.

(CONTINUED)
RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION

APPENDIX A, TABLE A-13
MARRIAGES AND MARRIAGE DISSOLUTIONS - COLORADO OCCURRENCES, 1986

COUNTY	1986 POPULATION	MARRIAGES		MARRIAGE DISSOLUTIONS		SEPARATE MAINTENANCE
		NO.	RATE	NO.	RATE	
MONTROSE	25788	167	6.5	160	6.2	0
MORGAN	22843	173	7.6	120	5.3	1
OTERO	22025	178	8.1	131	5.9	0
OURAY	1986	27	13.6	8	4.0	0
PARK	6227	31	5.0	34	5.5	0
PHILLIPS	4484	29	6.5	16	3.6	0
PITKIN	12500	285	22.8	61	4.9	2
PROWERS	14165	131	9.2	93	6.6	1
PUEBLO	126937	994	7.8	630	5.0	3
RIO BLANCO	6021	61	10.1	49	8.1	0
RIO GRANDE	11445	103	9.0	44	3.8	0
ROUTT	15045	174	11.6	72	4.8	2
SAGUACHE	3863	12	3.1	15	3.9	1
SAN JUAN	742	13	17.5	9	12.1	0
SAN MIGUEL	3502	43	12.3	0	.0	0
SEDGWICK	3018	36	11.9	12	4.0	0
SUMMIT	14179	248	17.5	0	.0	0
TELLER	10993	85	7.7	33	3.0	0
WASHINGTON	5250	41	7.8	23	4.4	0
WELD	139250	1054	7.6	662	4.8	6
YUMA	9961	36	3.6	34	3.4	0
REGION 1	65259	497	7.6	300	4.6	1
REGION 2	314673	2844	9.0	1576	5.0	24
REGION 3	1871506	18620	9.9	11004	5.9	177
REGION 4	395716	4954	12.5	2639	6.7	85
REGION 5	23455	166	7.1	60	2.6	0
REGION 6	51505	404	7.8	265	5.1	2
REGION 7	126937	994	7.8	630	5.0	3
REGION 8	39894	339	8.5	188	4.7	2
REGION 9	57116	619	10.8	409	7.2	3
REGION 10	67317	510	7.6	338	5.0	2
REGION 11	134817	1175	8.7	835	6.2	2
REGION 12	72102	1093	15.2	252	3.5	6
REGION 13	52034	472	9.1	365	7.0	2
REGION 14	21186	124	5.9	90	4.2	0
HSA I	2274893	22127	9.7	12940	5.7	202
HSA II	687272	7287	10.6	4177	6.1	94
HSA III	331352	3397	10.3	1834	5.5	13

RATES ARE PER 1000 POPULATION.
MARRIAGE DISSOLUTIONS INCLUDE DIVORCES AND ANNULMENTS.

RATES BASED ON FEW ACTUAL CASES SHOULD BE VIEWED WITH CAUTION

Appendix B

Classifications of Selected Diseases Included in Colorado Report of Vital Statistics, 1941-1985

Disease	9th Revision (1979-)	8th Revision (1968-1978)	7th Revision (1958-1967)	6th Revision (1949-1957)	5th Revision (1941-1948)
INFECTIOUS & PARASITIC	(001-139)	(000-136)	(000-138)	(000-138)	(000-044)
Typhoid Fever	002	001	040	040	1
Salmonellosis	003	002,003	041,042	041,042	2
Shigellosis	004	004	045	045	27a
Botulism	005.1	005.1	049.1	049.1	177
Tuberculosis	010-018	010-019	001-019	001-019	13-22
Diphtheria	032	032	055	055	10
Pertussis	033	033	056	056	9
Streptococcal Infection	034,041.0	034	050,051,053.0	050,051,053.0	8
Meningococcal Infection	036	036	057	057	6
Poliomyelitis	045	040-043	080	080	36
Measles	055	055	085	085	35
Encephalitis	062-064,323	062-065,079.2,323	082,343	082,343	37,44d
Colorado Tick Fever	066.1	068.1	096.9	096.9	38f
Infectious Hepatitis (Type A)	070.1	070	092	092	32a
Mumps	072	072	089	089	44c
Rocky Mountain Spotted Fever	082.0	082.0	104	104	39c
Malaria	084	084	110-117	110-117	28
Syphilis	090-097	090-097	020-029	020-029	30
Gonorrhea & Other STD	098-099	098,099	030-039	030-039	25,44A
NEOPLASMS	(140-239)	(140-239)	(140-239)	(140-239)	(45-57)
Malignant	140-208	140-209	140-207	140-205	45-55
ENDOCRINE GLANDS	(240-259)	(240-258)	(240-277)	(240-277)	(61-66)
Diabetes Mellitus	250	250	260	260	61
CIRCULATORY SYSTEM	(390-448)	(390-458)	(400-468,330-334)	(400-468,330-334)	(90-103,83)
Rheumatic Fever	390-392	390-392	400-402	400-402	58
Heart Disease	390-398,402, 404-429	390-398,402, 404,410-429	400-443	400-443	58,90-95
Other Diseases of the Circulatory System	400,401,403, 441-448	400,401,403, 441-448	444-447, 451-456	444-447, 451-456	96,98,99
Cerebrovascular Disease	430-438	430-438	330-334	330-334	83
General Atherosclerosis	440	440	450	450	97
RESPIRATORY SYSTEM	(460-519)	(460-519)	(470-527)	(470-527)	(106-114)
Influenza	487	470-474	480-483	480-483	33
Pneumonia	480-486	480-486	490-493	490-493	107-109
Chronic Obstructive Pulmonary Diseases	490-496	490-493			
Bronchitis, Chronic & Unspecified	490-491	490-491	501-502	501-502	106b
Emphysema	492	492	527.1	527.1	113
Asthma	493	493	241	241	112
DIGESTIVE SYSTEM	(520-579)	(520-577)	(530-587)	(530-587)	(115-129)
Cirrhosis of the Liver	571	571	581	581	124
GENITOURINARY SYSTEM	(580-629)	(580-629)	(590-637)	(590-637)	(130-139)
Nephritis & Nephrosis	580-584	580-584	590-594	590-594	130-132
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, & THE PUERPERIUM	(630-676)	(630-678)	(640-689)	(640-689)	(140-150)
CONGENITAL ANOMALIES	(740-759)	(740-759)	(750-759)	(750-759)	(157)
DISEASES OF EARLY INFANCY	(760-779)	(760-769.2,769.4-772,774-778)	(760-776)	(760-776)	(158-161)
INJURY & POISONING	(E800-E999)	(E800-E999)	(E800-E999)	(E800-E999)	(163-198)
Accidents	E800-E949	E800-E949	E800-E962	E800-E962	169-176, 178-195
Suicide	E950-E959	E950-E959	E963,E970-E979	E963,E970-E979	163,164
Homicide	E960-E978	E960-E978	E980-E985	E980-E985	165-168,198
Injury, Intent Undetermined	E980-E989	E980-E989			

Source: World Health Organization, International Statistical Classification of Diseases, Injuries, and Causes of Death, Fifth through Ninth Revisions.

Appendix C
DEFINITIONS

DEATH: Permanent disappearance of any evidence of life at any time after live birth.

$$\text{Death Rate} = \frac{\text{Number of Resident Deaths}}{\text{Total Resident Population}} \times 1{,}000$$

$$\text{Age-Specific Death Rate} = \frac{\text{Number of Resident Deaths in Specified Age Group}}{\text{Resident Population in Specified Age Group}} \times 1{,}000$$

$$\text{Cause-Specific Death Rate} = \frac{\text{Number of Resident Deaths from Specified Cause}}{\text{Total Resident Population}} \times 100{,}000$$

FETAL DEATH: Death prior to the complete expulsion or extraction from its mother of a production of human conception, irrespective of the duration of the pregnancy; the death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (World Health Organization).

$$\text{Fetal Mortality Ratio} = \frac{\text{Number of Resident Fetal Deaths*}}{\text{Total Resident Live Births}} \times 1{,}000$$

*May apply to all fetal deaths, spontaneous fetal deaths, or spontaneous fetal deaths of at least 20 weeks gestational age.

HEBDOMADAL DEATH: Death of a child under 7 days of age.

INDUCED TERMINATION OF PREGNANCY: Termination of pregnancy with intention other than to produce a liveborn infant or to remove a dead fetus.

INFANT DEATH: Death of a child under one year of age.

$$\text{Infant Mortality Rate} = \frac{\text{Number of Resident Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$$

LIVE BIRTH: Complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (World Health Organization).

$$\text{Birth Rate} = \frac{\text{Number of Resident Live Births}}{\text{Total Resident Population}} \times 1{,}000$$

$$\text{General Fertility Rate} = \frac{\text{Total Resident Live Births}}{\text{Resident Female Population Aged 15-44 Years}} \times 1{,}000$$

$$\text{Age-Specific Fertility Rate} = \frac{\text{Number of Resident Live Births to Women in Specified Age Group}}{\text{Resident Female Population in Specified Age Group}} \times 1{,}000$$

These rates also are known as age-specific birth rates.

Total Fertility Rate: The sum of age-specific fertility rates of women at each age group 10-14 through 45-49.

$$\text{Pregnancy Rate} = \frac{\text{Total Resident Live Births + Resident Fetal Deaths + Resident Induced Terminations of Pregnancy}}{\text{Resident Female Population of Age 15-44 Years}} \times 1{,}000$$

LOW WEIGHT BIRTH: Live-born infant whose birth weight is less than 2,500 grams or 5 lbs., 8 oz. or less.

MARRIAGE: The legal union of persons of the opposite sex.
Note: Marriages are tabulated by place of occurrence.

$$\text{Marriage Rate} = \frac{\text{Number of Marriages (Occurrence)}}{\text{Total Resident Population}} \times 1{,}000$$

MARRIAGE DISSOLUTION: Termination of a marriage = annulments + divorces.
Note: Marriage dissolutions are tabulated by place of occurrence.

$$\text{Marriage Dissolution Rate} = \frac{\text{Number of Dissolutions (Occurrence)}}{\text{Total Resident Population}} \times 1{,}000$$

MATERNAL DEATH: Death attributed to delivery or the complications of pregnancy, childbirth, or the puerperium.

$$\text{Maternal Death Rate} = \frac{\text{Number of Resident Maternal Deaths}}{\text{Total Resident Live Births}} \times 10{,}000$$

NEONATAL DEATH: Death of a child under 28 days of age.

$$\text{Neonatal Death Rate} = \frac{\text{Number of Resident Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$$

PERINATAL DEATH: Death of a fetus of at least 20 weeks gestational age or of a child under 28 days of age.

$$\text{Perinatal Death Rate} = \frac{\text{Resident Fetal Deaths } (\geq 20 \text{ weeks}) + \text{Resident Neonatal Deaths}}{\text{Resident Fetal Deaths } (\geq 20 \text{ weeks}) + \text{Total Resident Live Births}} \times 1{,}000$$

SPONTANEOUS FETAL DEATH: Death of a product of human conception through natural causes and without the aid of mechanical or medicinal agents.

UNDERLYING CAUSE OF DEATH: The disease or injury that initiated the train of events leading directly to death, or the circumstances of the accident or violence that produced the fatal injury. (World Health Organization)

WEEKS GESTATION: Period of gestation or length of pregnancy measured in completed weeks and calculated from the first day of the last normal menses to the date of delivery or termination of pregnancy.

Appendix D

STANDARD TABULATIONS AVAILABLE FROM THE HEALTH STATISTICS SECTION

Birth Statistics - 1975 to Present

File	Report Number	Content
Total Events	11-02I	Age of Mother X Colorado Residents and Occurrences
Resident	12-01A	County of Residence X Attendant and Medical Complications
	12-01B	X Month of Occurrence
	12-01C	X Education of Mother
	12-01D	X Birth Weight
	12-01E	X Month Care Began
	12-01F	X Age Group of Mother
	12-01G	X Race, Spanish Origin, and Sex of Child
	12-01H	X Total Living Children
	*12-02A	Age of Mother X Attendant and Medical Complications
	12-02C	X Education of Mother
	12-02D	X Birth Weight
	*12-02G	X Race, Spanish Origin, and Sex of Child
	12-03D	Month Care Began X Birth Weight
	12-04A	Birth Weight X Attendant and Medical Complications
	12-04G	X Race, Spanish Origin, and Sex of Child
	*12-04P	X Weeks of Pregnancy
	12-06A	Prenatal Visits X Attendant and Medical Complications
	12-06C	X Education of Mother
	12-06D	X Birth Weight
	12-06F	X Age Group of Mother
	12-07A	Education of Mother X Attendant and Medical Complications
	12-07D	X Birth Weight
	12-07E	X Month Care Began
	12-07G	X Race, Spanish Origin, and Sex of Child
	12-07H	X Total Living Children
	12-08A	Weeks of Pregnancy X Attendant and Medical Complications
	12-09B	City of Residence X Month of Occurrence
	12-14C	Congenital Malformation X Education of Mother
	12-14J	X County of Residence
	12-15D	County of Residence and X Birth Weight
	12-15E	Education of Mother X Month Care Began
	12-15G	X Race, Spanish Origin, and Sex of Child
	12-15H	X Total Living Children
	*12-26G	County of Residence and Age Group of Mother X Race, Spanish Origin, and Sex of Child
	*12-27F	Ethnic Origin of Child X Age Group of Mother
	*12-27G	X Race, Spanish Origin, and Sex of Child
Occurrence	16-01A	County of Occurrence X Attendant and Medical Complications
	16-01B	X Month of Occurrence
	16-01G	X Race, Spanish Origin, and Sex of Child
	16-05D	Institution of Birth X Birth Weight
	*16-05F	X Age Group of Mother
	16-05J	X County of Residence
Resident Women with Less than High School Education	*17-02G	Age of Mother X Race, Spanish Origin, and Sex of Child
	17-06J	Prenatal Visits X County of Residence

* Available 1981 to present. Spanish Origin not tabulated prior to 1981.

Birth Statistics - 1975 to Present (Continued)

File	Report Number	Content
Resident Women with High School + Education	*18-02G	Age of Mother X Race, Spanish Origin, and Sex of Child
	18-06J	Prenatal Visits X County of Residence
Total to Unmarried Women	*21-02I	Age of Mother X Colorado Residents and Occurrences
Resident to Unmarried Women	22-01A	County of Residence X Attendant and Medical Complications
	22-01B	X Month of Occurrence
	22-01C	X Education of Mother
	22-01E	X Month Care Began
	22-01F	X Age Group of Mother
	22-01G	X Race, Spanish Origin, and Sex of Child
	22-01H	X Total Living Children
	*22-02A	Age of Mother X Attendant and Medical Complications
	22-02D	X Birth Weight
	*22-02G	X Race, Spanish Origin, and Sex of Child
	22-06F	Prenatal Visits X Age Group of Mother
Occurrence to Unmarried Women	*26-05B	Institution of Birth X Month of Occurrence
Total Low Weight	*31-02I	Age of Mother X Colorado Residents and Occurrences
Resident Low Weight	32-01C	County of Residence X Education of Mother
	*32-02A	Age of Mother X Attendant and Medical Complications
	*32-02G	X Race, Spanish Origin, and Sex of Child

Death Statistics - 1970 to Present

File	Report Number		Content
Total Events	61-11I	Selected Cause of Death	X Colorado Residents and Occurrences
Residents	62-01B	County of Residence	X Month of Occurrence
	62-01G		X Race, Spanish Origin, and Sex
	62-01L		X Five-Year Age Group
	*62-01Y		X Disposition and Autopsy
	62-09B	City of Residence	X Month of Occurrence
	62-10B	ICDA Cause of Death	X Month of Occurrence
	62-10G		X Race, Spanish Origin, and Sex
	62-10J		X County of Residence
	62-10L		X Five-Year Age Group
	62-11B	Selected Cause of Death	X Month of Occurrence
	62-11G		X Race, Spanish Origin, and Sex
	62-11J		X County of Residence
	*62-11X		X Marital Status and Sex
	*62-11Y		X Disposition and Autopsy
	62-12L	Selected Cause of Death and Sex	X Five-Year Age Group
	62-13	MVSR Cause of Death by Sex	
	*62-25G	County of Residence and Five-Year Age Group	X Race, Spanish Origin, and Sex
	*62-27G	Ethnic Origin	X Race, Spanish Origin, and Sex
	*62-27L		X Five-Year Age Group

* Available 1981 to present. Spanish Origin not tabulated prior to 1981.

Death Statistics - 1970 to Present (Continued)

File	Report Number	Content
Resident Male	63-10L	ICDA Cause of Death X Five-Year Age Group
Resident Female	64-10L	ICDA Cause of Death X Five-Year Age Group
Resident by County	65-12L	Selected Cause of Death X Five-Year Age Group and Sex
Occurrence	66-01B	County of Occurrence X Month of Occurrence
	*66-01Y	X Disposition and Autopsy
	*66-05G	Institution of Death X Race, Spanish Origin, and Sex
	*66-05L	X Five-Year Age Group
	66-10L	ICDA Cause of Death X Five-Year Age Group
	66-11G	Selected Cause of Death X Race, Spanish Origin, and Sex
	66-11J	X County of Occurrence
Resident Infant	72-01B	County of Residence X Month of Occurrence
	72-01G	X Race, Spanish Origin, and Sex
	72-01K	X Infant Age Group
	72-10G	ICDA Cause of Death X Race, Spanish Origin, and Sex
	72-10K	X Infant Age Group
Occurrence Infant	76-01B	County of Occurrence X Month of Occurrence
	76-01K	X Infant Age Group
	76-05K	Institution of Death X Infant Age Group
Resident Neonatal	82-10G	ICDA Cause of Death X Race, Spanish Origin, and Sex
Occurrence Neonatal	86-01B	County of Occurrence X Month of Occurrence

Infant Death Statistics (Matched Birth and Death Certificates) - 1975 to Present

	Report Number	Content
Total Events	1-01A	Summary Statistics
Occurrence	2-03A	ICDA Cause of Death X Infant Age Group
	2-04A	Weeks of Pregnancy X Infant Age Group
	2-02B	Infant Age Group X Birth Weight
	2-04B	Weeks of Pregnancy X Birth Weight
	2-05B	Months Since Last Delivery and Type X Birth Weight
	2-06B	Education of Mother X Birth Weight
	2-07B	Month Care Began X Birth Weight
	2-08B	Age of Mother X Birth Weight
	2-09B	Apgar Score X Birth Weight
	2-10B	Pregnancy History X Birth Weight
	2-11B	Hospital of Birth X Birth Weight
	2-12B	Hospital of Death X Birth Weight
	2-13B	Congenital Malformation X Birth Weight
	2-17B	County of Residence at Birth X Birth Weight
	2-04C	Weeks of Pregnancy X Race and Sex
	2-07C	Month Care Began X Race and Sex
	2-14C	Birth Weight X Race and Sex
	2-11D	Hospital of Birth X Month Care Began

*Available 1981 to present. Spanish Origin not tabulated prior to 1981.

Infant Death Statistics - 1977 to Present (Continued)

File	Report Number	Content
Occurrence	2-07E	Month Care Began X Age of Mother
	2-15E	Congenital Malformation X Age of Mother
	2-16E	Prenatal Visits X Age of Mother
	2-15F	Congenital Malformation X Age of Father
	2-07G	Month Care Began X Education of Mother
	2-11G	Hospital of Birth X Education of Mother
	2-16G	Prenatal Visits X Education of Mother
	2-17G	County of Residence at Birth X Education of Mother
	2-06H	Education of Mother X Education of Father
	2-11I	Hospital of Birth X Attendant and Medical Complication
	2-12K	Hospital of Death X County of Residence
	2-03L	ICDA Cause of Death X County of Death
	2-18M	State of Residence X State of Birth
	2-12N	Hospital of Death X Hospital of Birth

Spontaneous Fetal Deaths (20+ Weeks Gestation)

File	Content
Occurrence	County of Occurrence X Age of Mother
	County of Occurrence X Race of Fetus
	Calculated weeks of Gestation X Age of Mother
	Race of Fetus X Age of Mother
	Legitimacy X Age of Mother
	Sex of Fetus X Age of Mother
	Calculated Weeks of Gestation X Race of Fetus
	Month of Occurrence X Calculated Weeks of Gestation
	Calculated Weeks of Gestation X Physician's Estimate of Gestation
	Legitimacy and Race of Fetus X Age of Mother
	Spanish Origin X Age of Mother
	Calculated Weeks of Gestation X Spanish Origin
	Cause of Death X Age of Mother
	Education of Mother
	Previous Live Births
	Other Terminations, Spontaneous and Induced
	Month Care Began and Prenatal Visits
	Hospital or Place of Occurrence
	Calculated Weeks of Gestation
	Physician's Estimate of Gestation
	Physician's Estimate of Gestation
	State of Residence
Resident-Occurrence	County of Residence X Age of Mother
	Race of Fetus X Age of Mother
	Spanish Origin X Age of Mother
	Month of Occurrence X Sex of Fetus
	Legitimacy X Age of Mother

Spontaneous Fetal Deaths (Less than 20 Weeks Gestation)

File	Content
Occurrence	County of Occurrence X Age of Mother
	Legitimacy X Age of Mother
	Race of Fetus X Age of Mother
	Calculated Weeks of Gestation X Age of Mother
	Month of Occurrence X Age of Mother

*Available 1981 to present. Spanish Origin not tabulated prior to 1981.

Spontaneous Fetal Deaths (Less than 20 Weeks Gestation) (Continued)

File		
Resident-Occurrence		County of Residence X Age of Mother
		Race of Fetus X Age of Mother
		Legitimacy X Age of Mother

Induced Terminations of Pregnancy - 1978 to Present

File	Report Number	Content
Occurrence	91-2A	Month of Occurrence X Age Group of Patient
	91-3A	Education of Patient X Age Group of Patient
	91-4A	Children Now Living X Age Group of Patient
	91-5A	Previous Induced Abortions X Age Group of Patient
	91-6A	Calculated Weeks of Gestation X Age Group of Patient
	91-1B	Age Group of Patient X Race, Spanish Origin, and Marital Status
	91-3B	Education of Patient X Race, Spanish Origin, and Marital Status
	91-4B	Children Now Living X Race, Spanish Origin, and Marital Status
	91-5B	Previous Induced Abortions X Race, Spanish Origin, and Marital Status
	91-6B	Calculated Weeks of Gestation X Race, Spanish Origin, and Marital Status
	91-1C	Age of Patient X Type of Facility and Type of Procedure
	91-2C	Month of Occurrence X Type of Facility and Type of Procedure
	91-3C	Education of Patient X Type of Facility and Type of Procedure
	91-4C	Children Now Living X Type of Facility and Type of Procedure
	91-5C	Previous Induced Abortions X Type of Facility and Type of Procedure
	91-6C	Calculated Weeks of Gestation X Type of Facility and Type of Procedure
	91-7E	Marital Status and Education X Race, Spanish Origin, and Type of Facility
	91-8E	Type of Procedure X Race, Spanish Origin, and Type of Facility
	91-11	Patient's State of Residence
	91-12	County of Residence
	91-13	Race of Patient, Ethnic Origin of Patient
	91-14	Health Service Area of Residence, Planning and Management Region of Residence
	91-15	Health Service Area of Occurrence, Planning and Management Region of Occurrence
	91-XX	Age of Patient for Selected Groups
Resident	81-9A	County of Residence X Age Group of Patient
	81-1B	Age Group of Patient X Race, Spanish Origin, and Marital Status
	81-9B	County of Residence X Race, Spanish Origin, and Marital Status
	81-9C	County of Residence X Type of Facility and Type of Procedure
	81-10D	County of Residence and Education X Children Now Living, Previous Induced Abortions and Calculated Gestation

Adoption Statistics - 1979 to Present

Report Number			Content	
Processed in Colorado	Adopted in Colorado	Born in Colorado		
1-01A			Type of Adoption & Sex of Child	X Summary Statistics
1-01B	2-01B	3-01B		X Race of Child
1-01C	2-01C	3-01C		X Age of Child
1-02D	2-02D	3-02D	Type of Adoption & Race of Child	X Race of Adoptive Father/Mother
1-02E	2-02E	3-02E		X Race of Natural Mother/Adoptive Mother
1-02F	2-02F	3-02F		X Age of Natural Mother at Time of Birth
1-02G	2-02G	3-02G		X Education of Adoptive Father/Mother
1-02H	2-02H	3-02H		X Race of Natural Father/Adoptive Father
1-03F	2-03F	3-03F	Type of Adoption & Age of Child	X Age of Natural Mother at Time of Birth
1-03I	2-03I	3-03I		X Age of Natural Father at Time of Birth
1-03J	2-03J	3-03J		X Age of Adoptive Mother at Time of Adoption
1-03K	2-03K	3-03K		X Age of Adoptive Father at Time of Adoption
1-04C			Type of Adoption & County of Birth	X Age of Child
1-05G	2-05G	3-05G	Type of Adoption & Education of Natural Mother	X Education of Adoptive Father/Mother
1-06L	2-06L	3-06L	Family Size of Adoptive Family	X Type of Adoption
*1-07M			County of Adoption	X Type of Adoption & Legitimacy
1-08L	2-08L	3-08L	Year of Decree	X Type of Adoption
	2-09L		State of Birth	X Type of Adoption
		3-10L	State of Adoption	X Type of Adoption
Foreign-Born Adoptions		*4-11C	Country of Birth	X Age of Child

*Available for 1980 Data.

Appendix E

SAMPLE COPIES OF COLORADO CERTIFICATES OF LIVE BIRTH, DEATH, AND FETAL DEATH, AND REPORT OF SPONTANEOUS OR INDUCED ABORTION

DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO

CERTIFICATE OF LIVE BIRTH **105**

STATE FILE NUMBER

COLORADO DEPARTMENT OF HEALTH AD RS 15 (Rev. 1-78)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

CHILD

CHILD—NAME FIRST MIDDLE LAST (1) | SEX (2) | DATE AND HOUR OF BIRTH (Month, Day, Year, Hour) (3)

HOSPITAL—NAME (If not in hospital, give street and number) (4a) | CITY, TOWN OR LOCATION OF BIRTH (4b) | COUNTY OF BIRTH (4c)

CERTIFIER — I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF (5a) (Signature) M.D. D.O. OTHER (SPECIFY) | DATE SIGNED (Month, Day, Year) (5b)

NAME (Type or print) (5c) | MAILING ADDRESS (Street or R.F.D. No., City, State, Zip) (5d)

REGISTRAR (6a) (Signature) | DATE RECEIVED BY REGISTRAR (Month, Day, Year) (6b)

PARENTS

1 MOTHER—NAME FIRST MIDDLE LAST (MAIDEN) (7a) | AGE (At time of this birth) (7b) | STATE OF BIRTH (If not in U.S.A., name country) (7c)

2 RESIDENCE—STATE (8a) | COUNTY (8b) | CITY, TOWN OR LOCATION (8c) | STREET AND NUMBER (8d) | INSIDE CITY LIMITS (Yes or No) (8e)

3 MOTHER'S MAILING ADDRESS (9) (Zip)

4 FATHER—NAME FIRST MIDDLE LAST (10a) | AGE (At time of this birth) (10b) | STATE OF BIRTH (If not in U.S.A., name country) (10c)

5 I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. (11a) (Signature of Informant) | RELATION TO CHILD (11b)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

6 MOTHER—RACE (White, Black, American Indian, etc.) (12) | FATHER—RACE (White, Black, American Indian, etc.) (13) | BIRTH WEIGHT (14) | THIS BIRTH (Single, twin, triplet, etc.) (15a) | IF NOT SINGLE BIRTH—(Born first, second, third, etc.) (15b) | IS MOTHER MARRIED? (Yes or No) (16)

7 ORIGIN OR DESCENT (Italian, Mexican, English, etc.) (17) | ORIGIN OR DESCENT (Italian, Mexican, English, etc.) (18)

8 EDUCATION—MOTHER (Specify only highest grade completed) Elementary or Secondary (0-12) (19) | College (1-4 or 5+) | EDUCATION—FATHER (Specify only highest grade completed) Elementary or Secondary (0-12) (20) | College (1-4 or 5+)

9 PREVIOUS PREGNANCIES (Complete each section)

10 LIVE BIRTHS: (21a) Now living (21b) Now dead — Number / None

11 OTHER TERMINATIONS (Spontaneous and Induced): (21c) Before 20 weeks — Number / None | (21d) 20 weeks and after — Number / None

12 DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) (22) | MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, second, etc.) (23) | PRENATAL VISITS (Total number of visits) (24) None | 1 min. APGAR SCORE | 5 min. (25) (26)

13 DATE OF LAST LIVE BIRTH (Month, Year) (21e) | DATE OF LAST OTHER TERMINATION (Month, Year) (21f) | COMPLICATIONS OF PREGNANCY (Describe or check none) (25) None

14 PRENATAL BLOOD TEST DATE (Month, Day, Year) (28) | PROPHYLACTIC DRUG KIND (29) | CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or check none) (26) None

15 CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or check none) (27) None

COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or check none) (30) None

SAMPLE

DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO
CERTIFICATE OF DEATH
(PHYSICIAN OR CORONER)

STATE FILE NUMBER

COLORADO DEPARTMENT OF HEALTH AD RS 18 (Rev. 1-78)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

USUAL RESIDENCE WHERE DECEASED LIVED IF DEATH OCCURRED IN INSTITUTION GIVE RESIDENCE BEFORE ADMISSION

DECEASED

1 DECEASED–NAME FIRST MIDDLE LAST					2 SEX	3 DATE OF DEATH (MONTH, DAY, YEAR)
4a RACE (White, Black, American Indian, etc.)	4b ORIGIN OR DESCENT (Italian, Mexican, English, etc.)	5a AGE – LAST BIRTHDAY (Years)	UNDER 1 YEAR: 5b MOS / 5c DAYS	UNDER 1 DAY: 5d HRS / 5e MINS	6 DATE OF BIRTH (MONTH, DAY, YEAR)	7a COUNTY OF DEATH
7b CITY, TOWN OR LOCATION OF DEATH	7c HOSPITAL OR OTHER INSTITUTION – Name (If not in either, give street and number)					7d IF HOSP. OR INST. (Inpt. Emer. Rm., Inpatient (Specify))
8 STATE OF BIRTH (If not in U.S.A. name country)	9 CITIZEN OF WHAT COUNTRY	10 MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify)	11 SURVIVING SPOUSE (If wife, give maiden name)			12 WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or No)
13 SOCIAL SECURITY NUMBER	14a USUAL OCCUPATION (Give kind of work done during most of working life, even if retired)	14b KIND OF BUSINESS OR INDUSTRY				
15a RESIDENCE – STATE	15b COUNTY	15c CITY, TOWN OR LOCATION ZIP	15d STREET AND NUMBER			15e INSIDE CITY LIMITS (Yes or No)
16 FATHER–NAME FIRST MIDDLE LAST		17 MOTHER–NAME (MAIDEN) FIRST MIDDLE LAST				
18a INFORMANT–NAME Relation to Deceased		18b MAILING ADDRESS (STREET OR R.F.D. NO.) CITY OR TOWN STATE ZIP				

DISPOSITION

19a BURIAL, CREMATION, REMOVAL (Specify)	19b DATE (Month, Day, Year)	19c CEMETERY OR CREMATORY NAME AND LOCATION	CITY OR TOWN STATE
20a FUNERAL DIRECTOR (Signature) LIC. NO.		20b NAME AND ADDRESS OF FUNERAL HOME (STREET OR R.F.D. NO. CITY, STATE, ZIP)	

CERTIFIER

21a PHYSICIAN TO THE BEST OF MY KNOWLEDGE DEATH OCCURRED AT _____ ON THE DATE AND PLACE AND DUE TO THE CAUSE(S) STATED (Signature and Title)		22a CORONER – ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED AT _____ ON THE DATE AND PLACE AND DUE TO THE CAUSE(S) STATED (Signature and Title)
21b DATE SIGNED (Month, Day, Year)		22b DATE SIGNED (Month, Day, Year) / 22c PRONOUNCED DEAD (Mo. Day Yr. Hr.)
23a NAME AND ADDRESS OF CERTIFIER (PHYSICIAN OR CORONER) (Type or Print)		
24a REGISTRAR (Signature)		24b DATE RECEIVED BY REGISTRAR (Month, Day, Year)

CAUSE OF DEATH

25 PART I IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), and (c).) — Interval between onset and death

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST

(a) _____ DUE TO, OR AS A CONSEQUENCE OF — Interval between onset and death

(b) _____ DUE TO, OR AS A CONSEQUENCE OF — Interval between onset and death

(c) _____ — Interval between onset and death

PART II OTHER SIGNIFICANT CONDITIONS – Conditions contributing to death but not related to cause given in PART I (a) | 26 AUTOPSY (Yes or No) | 27 WAS CASE REFERRED TO CORONER (Yes or No)

28a ACCIDENT, SUICIDE, HOMICIDE, UNDETERMINED, PENDING INVESTIGATION	28b DATE AND HOUR OF INJURY (Mo. Day Yr. Hr.)	28c DESCRIBE HOW INJURY OCCURRED	
29a INJURY AT WORK (Yes or No)	29b PLACE OF INJURY – At home, farm, street, factory, office building, etc.	29c LOCATION (STREET OR R.F.D. NO. CITY OR TOWN, STATE)	

SAMPLE

DATE REGISTERED BY STATE REGISTRAR

STATE FILE NUMBER

COLORADO DEPARTMENT OF HEALTH AD RS 16a (Rev. 1-78)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

IF DISPOSAL IS DONE BY HOSPITAL OMIT ITEM 14

STATE OF COLORADO
CERTIFICATE OF FETAL DEATH

SPONTANEOUS FETAL DEATHS OF 20 OR MORE WEEKS GESTATION

FETUS

1 FETUS NAME — FIRST — MIDDLE — LAST

2 SEX

3 DATE AND HOUR OF DELIVERY (MONTH, DAY, YEAR, HOUR)

4a HOSPITAL—NAME (If not in hospital, give street and number)

4b CITY, TOWN OR LOCATION OF DELIVERY

4c COUNTY OF DELIVERY

PARENTS

5a MOTHER NAME — FIRST — MIDDLE — LAST (MAIDEN)

5b AGE (AT TIME OF THIS DELIVERY)

6a RESIDENCE STATE

6b COUNTY

6c CITY, TOWN OR LOCATION

6d STREET AND NUMBER

6e INSIDE CITY LIMITS (Yes or No)

7a FATHER NAME — FIRST — MIDDLE — LAST

7b AGE (AT TIME OF THIS DELIVERY)

MEDICAL CERTIFICATION

8 PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c))

SPECIFY FETAL OR MATERNAL

FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH — IMMEDIATE CAUSE (a)

FETAL AND OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST — DUE TO, OR AS A CONSEQUENCE OF (b)

DUE TO, OR AS A CONSEQUENCE OF (c)

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER. CONDITIONS CONTRIBUTING TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I(a)

9 FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN

10 PHYSICIAN'S ESTIMATE OF GESTATION — Weeks

11 AUTOPSY (Yes or No)

12a I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD. (Signature) — M.D., D.O., OTHER (SPECIFY)

12b DATE SIGNED (MONTH, DAY, YEAR)

12c ATTENDANT—NAME (TYPE OR PRINT)

12d MAILING ADDRESS (STREET OR R.F.D. NO., CITY, STATE, ZIP)

DISPOSITION

13a BURIAL, CREMATION, REMOVAL (Specify)

13b CEMETERY, CREMATORY OR INSTITUTION—NAME AND LOCATION — CITY OR TOWN — STATE

13 FUNERAL DIRECTOR—NAME — ADDRESS

15 REGISTRAR'S SIGNATURE

16 DATE RECEIVED BY REGISTRAR

SAMPLE

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

17 MOTHER—RACE (White, Black, American Indian, etc.) (Specify)

18 FATHER—RACE (White, Black, American Indian, etc.) (Specify)

19 WEIGHT OF FETUS

20a THIS DELIVERY—Single, twin, triplet, etc.

20b IF NOT SINGLE DELIVERY—Delivered first, second, third, etc.

21 IS MOTHER MARRIED? (Yes or No)

22a ORIGIN OR DESCENT (Italian, Mexican, English, etc.)

22b ORIGIN OR DESCENT (Italian, Mexican, English, etc.)

23 EDUCATION—MOTHER (Specify only highest grade completed) — Elementary or Secondary (0-12) | College (1-4 or 5+)

24 EDUCATION—FATHER (Specify only highest grade completed) — Elementary or Secondary (0-12) | College (1-4 or 5+)

PREVIOUS PREGNANCIES (Complete each section)

25a LIVE BIRTHS, Now living — Number — None

25b LIVE BIRTHS, Now dead — Number — None

25d OTHER TERMINATIONS (Spontaneous and Induced), Spontaneous — Number — None

25e OTHER TERMINATIONS (Spontaneous and Induced), Induced — Number — None

25c DATE OF LAST LIVE BIRTH (Month, Year)

25f DATE OF LAST OTHER TERMINATION (Month, Year)

26 DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)

27 MONTH OF PREGNANCY PRENATAL CARE BEGAN: FIRST, SECOND, THIRD, ETC

28 PRENATAL VISITS Total Number (or check "none") — None

29 COMPLICATIONS OF PREGNANCY (Describe or check "none") — None

30 CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or check "none") — None

31 CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or check "none") — None

32 COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or check "none") — None

STATE OF COLORADO

REPORT OF SPONTANEOUS OR INDUCED ABORTION

SPONTANEOUS ABORTIONS OF LESS THAN 20 WEEKS GESTATION AND ALL INDUCED ABORTIONS

STATE FILE NUMBER

COLORADO DEPARTMENT OF HEALTH AD RS 165 (Rev. 1-78)

TYPE OR PRINT IN BLACK INK

FACILITY – NAME (If not hospital or clinic, give address) 1a.	CITY, TOWN OR LOCATION OF PREGNANCY TERMINATION 1b.	COUNTY OF PREGNANCY TERMINATION 1c.
PATIENT NAME OR OTHER IDENTIFICATION 2a.	AGE 2b.	MARRIED? 2c. ☐ YES ☐ NO
DATE OF PREGNANCY TERMINATION (Month, Day, Year) 3.		
RESIDENCE – STATE 4a.	COUNTY 4b.	CITY, TOWN OR LOCATION 4c.
INSIDE CITY LIMITS 4d. ☐ YES ☐ NO		

RACE (White, Black, American Indian, etc.) 5.	ORIGIN OR DESCENT (Italian, Mexican, English, etc.) 6.	EDUCATION (Specify only highest grade completed) Elementary or Secondary (0-12)	College (1-4 or 5+) 7.

PREVIOUS PREGNANCIES (Complete each section)

LIVE BIRTHS		OTHER TERMINATIONS (Spontaneous and Induced)	
8a. Now Living	8b. Now dead	8c. Spontaneous	8d. Induced
Number _____ ☐ None	Number _____ ☐ None	Number _____ ☐ None	Number _____ ☐ None

9a. PROCEDURE THAT TERMINATED PREGNANCY (CHECK ONLY ONE)	TYPE OF TERMINATION PROCEDURES	9b. ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY (CHECK ALL THAT APPLY)
0 ☐	SPONTANEOUS	
1 ☐	SUCTION CURETTAGE	☐ 1
2 ☐	SHARP CURETTAGE	☐ 2
3 ☐	INTRA-UTERINE SALINE INSTILLATION	☐ 3
4 ☐	INTRA-UTERINE PROSTAGLANDIN INSTILLATION	☐ 4
5 ☐	HYSTEROTOMY	☐ 5
6 ☐	HYSTERECTOMY	☐ 6
7 ☐	OTHER (Ectopic, missed abortion, etc.) (Specify) _____	☐ 7

10. COMPLICATIONS OF PREGNANCY TERMINATION (CHECK ALL THAT APPLY)

0 ☐ NONE
1 ☐ HEMORRHAGE
2 ☐ INFECTION
3 ☐ UTERINE PERFORATION
4 ☐ CERVICAL LACERATION
5 ☐ RETAINED PRODUCTS
6 ☐ OTHER (Specify) _____

DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) 11.	PHYSICIAN'S ESTIMATE OF GESTATION 12. Weeks	NAME OF ATTENDING PHYSICIAN (Type or print) 13.

NAME OF PERSON COMPLETING REPORT (Type or print) 14.